

ZEOTOPE[®]

DEUTERIUM LABELED COMPOUNDS

- Deuterated Reagents for APIs
- Deuterated Reagents for OLEDs
- NMR-Solvents
- Deuterium Tracers / Markers

ГАЛАХИМ
+7 (495) 151-01-50

Все для Вашей Лаборатории
Надежность. Скорость. Качество

mailbox@galachem.ru
www.galachem.ru

- лабораторное оборудование
- стандартные образцы
- лабораторное стекло
- биохимия и клеточная биология
- сорбенты и пластины для ТСХ
- все для фильтрации
- фотореакторы
- электросинтез
- наборы для мультиплексного анализа
- системы очистки воды
- все для хроматографии
- химические реактивы
- аналитические приборы



A Company of
Chemie + Papier Holding AG

ZEOCHEM – Deuterium Labeled Compounds

Zeochem AG is a subsidiary of CPH Chemie + Papier Holding AG, a Swiss public company founded in 1818.

Since the 1970s and on the basis of its outstanding professional expertise, Zeochem (formerly known as CU Deutero + Agro AG) has manufactured Deuterium Labeled Compounds used as solvents in NMR spectroscopy, R&D, Tracers and building blocks in APIs (active pharmaceutical ingredients), as well as for the synthesis of organic light-emitting diodes (OLED).

In March 2018, Zeochem acquired the assets from the Swiss company Armar AG. Armar was founded in 1986 and had a long-term cooperation with Zeochem in the production of Deuterated Compounds.



NMR-Solvents Standard Product Range

Standard Product Range ZEOTOPE®

Zeochem's standard product range covers the daily requirements of NMR end users. Products are pre-packed in custom-designed packaging.

They are always in stock, immediately dispatched and there is a reasonable minimum order quantity.

Packaging and Size

	PURITY (atom%D)	AMPOULE 10 x 0.75 ml	BOTTLE 10 ml	BOTTLE 25 ml	BOTTLE 100 ml	BOTTLE 500 ml	BOTTLE 1000 ml
Acetone-d ₆	99.8						
Acetonitrile-d ₃	99.8						
Benzene-d ₆	99.5						
Chloroform-d	99.8						
Chloroform-d, stab. with Ag	99.8						
Chloroform-d, cont. 0.03% v/v% TMS	99.8						
Chloroform-d, cont. 0.03 v/v% TMS, stab. with Ag	99.8						
Deuterium oxide	99.9						
Dichloromethane-d ₂	99.8						
N,N-Dimethylformamide-d ₇	99.5						
Dimethyl-d ₆ sulfoxide	99.5						
Dimethyl-d ₆ sulfoxide, cont. 0.03 v/v% TMS	99.8						
Dimethyl-d ₆ sulfoxide	99.9						
Dimethyl-d ₆ sulfoxide, cont. 0.03 v/v% TMS	99.9						
Methanol-d ₄	99.8						
Methanol-d ₄ , cont. 0.03 v/v% TMS	99.8						
1,1,2,2-Tetrachloroethane-d ₂	99.5						
Tetrahydrofuran-d ₈	99.5						

NMR-Solvents Extended Product Range

Extended Product Range ZEOTOPE®

Zeochem's extended product range has a mix and match structure. Product, quality and type, as well as packaging size, can be separately specified.

All packaging sizes, according to the diagram standard product range, are readily available. An extended product is subject to a minimum order quantity and a longer delivery time.

	Purity (atom%D)				
	99	99.5	99.8	99.9	99.95
Acetic acid-d ₄		■			
Acetone-d ₆				■	■
Acetonitrile-d ₃				■	■
Benzene-d ₆			■		■
Bromobenzene-d ₅		■			
Chlorobenzene-d ₅	■				
Chloroform-d					■
Cyclohexane-d ₁₂		■			
Deuterium oxide					■
1,2-Dichlorobenzene-d ₄	■				
Dichloromethane-d ₂				■	■
N,N-Dimethylacetamide-d ₉	■				
Dimethyl-d ₆ sulfoxide					■
Ethanol-d ₆	■				
1,1,1,3,3,3-Hexafluoro-2-propanol-d ₂	■				
Methanol-d ₄					■
Nitromethane-d ₃		■			
Pyridine-d ₅			■		■
Tetrahydrofuran-d ₈					■
Toluene-d ₈		■	■		■
Trifluoroacetic acid-d		■			

Deuterated Reagents

Deuterated Reagents ZEOTOPE®

Zeochem AG is a leading company worldwide for Deuterated Reagents in BULK quantities.

All products are Swiss made and produced at our most modern production plant in Rütli.

Product	Cas
Acetic acid-d	758-12-3
Acetic-d ₃ acid-d	1186-52-3
Acetic anhydride-d ₆	16649-49-3
Acetone-d ₆	666-52-4
Aceto-d ₃ phenone	17537-31-4
Acetophenone-2'3'4'5'6-d ₅	28077-64-7
Acetophenone-d ₈	19547-00-3
Acetylchloride-d ₃	19259-90-6
Ammonia-d ₃ (gas)	13550-49-7
Ammonium-d ₄ deuterioxide, 25 wt% in Deuterium oxide	12168-30-8
Ammonium-d ₄ formate-d	65387-23-7
Aniline-2'3'4'5'6-d ₅	4165-61-1
Aniline-d ₇	14545-23-4
Benzene-d ₆	1076-43-3
Biphenyl-d ₁₀	1486-01-7
Bromobenzene-d ₅	4165-57-5
Bromocyclopentane-d ₉	35468-44-1
Bromoform-d	2909-52-6
1-Butanol-d ₁	225-201-3
t-Butanol-d ₁	3972-25-6
Chlorobenzene-d ₅	3114-55-4
Deuterium (gas)	7782-39-0
Deuterium bromide, 46 wt% in Deuterium oxide	13536-59-9
Deuterium chloride, 20 - 38 wt% in Deuterium oxide	7698-05-7
Deuterium oxide (Water-d ₂ , Heavy Water)	7789-20-0
1,4-Dibromobenzene-d ₄	4165-56-4
1,2-Dichlorobenzene-d ₄	2199-69-1
1,4-Dichlorobenzene-d ₄	3855-82-1
Dimethyl-d ₆ amine hydrochloride	53170-19-7
Dimethylcarbonate-d ₆	n.a.
N,N-Dimethylformamide-d ₁ (DMF-d ₁)	2914-27-4
N,N-Dimethyl-d ₆ -formamide (DMF-d ₆)	185990-36-7
Dimethylsulfate-d ₆	15199-43-6
Dimethyl-d ₆ sulfoxide (DMSO-d ₆)	2206-27-1
Ethyl alcohol-d, anhydrous	925-93-9
Ethyl-d ₅ alcohol-d, anhydrous	1516-08-1
Fluorobenzene-d ₅	1423-10-5

Product	Cas
Formic-d acid, 95 wt% in Water	917-71-5
Formic acid-d, 95 wt% in Deuterium oxide	925-94-0
Formic-d acid-d, 95 wt% in Deuterium oxide	920-42-3
Furan-d ₄ , stab.	6142-90-1
Hexafluoroacetone trideuterate	109640-39-3
Hexamethylphosphoric acid triamide-d ₁₈ (HMPT-d ₁₈)	n.a.
Iodoethane-d ₅	6485-58-1
Iodomethane-d ₃	865-50-9
Malonic-d ₂ acid-d ₂	813-56-9
Methyl alcohol-d	1455-13-6
Methyl-d ₃ alcohol	1849-29-2
Methyl-d ₃ alcohol-d	811-98-3
Nitric acid-d, 65 wt% in Deuterium oxide	13587-52-5
Nitrobenzene-d ₅	4165-60-0
Phenyl-d ₅ -boronic acid	215527-70-1
(±)-1-Phenylethan-d ₉ -ol	n.a.
Phosphoric acid-d ₃ , 85 wt% in Deuterium oxide	14335-33-2
Potassium deuterioxide, 30 wt% in Deuterium oxide	24572-01-8
1-Propanol-d ₁	4712-36-1
2-Propanol-d ₁	3979-51-9
2-Propanol-d ₇	19214-96-1
Pyridine-d ₅	7291-22-7
Sodiumacetate-d ₃	39230-37-0
Sodium borodeuteride	15681-89-7
Sodium deuterioxide, 30 - 40 wt% in Deuterium oxide	14014-06-3
Sodium formate-d	3996-15-4
Styrene-d ₃ , stab.	3814-93-5
Styrene-d ₅ , stab.	5161-29-5
Styrene-d ₈ , stab.	19361-62-7
Sulfuric acid-d ₂ , 98 wt% in Deuterium oxide	13813-19-9
Toluene-d ₈	2037-26-5
1,3,5-Trichlorobenzene-d ₃	1198-60-3
Trifluoroacetic acid-d (TFA-d)	599-00-8
3-(Trimethylsilyl)-1-propanesulfonic acid sodium salt (DSS)	2039-96-5
3-(Trimethylsilyl)propionic-2,2,3,3-d ₄ acid sodium salt (TSP-d ₄)	24493-21-8
Urea-d ₄	1433-11-0

About us

Mission

Zeochem AG, a manufacturer of molecular sieves, high quality irregular and spherical silica gels and deuterated compounds, was founded more than 200 years ago. Its headquarters is based in Switzerland. Zeochem is a subsidiary of the Swiss CPH Chemie + Papier Holding AG.

Quality

Our products are analyzed and certified by our state-of-the-art quality control lab. Zeochem AG uses its own test methods and applies proprietary test procedures specific to customer applications to ensure that our products enable the expected performance.

Zeochem AG is ISO 9001:2015 certified.

Environment

Zeochem AG regards the careful use of natural resources and safe production processes, as well as ensuring minimal pollution among its critical goals.

The company is a member of the Swiss Private Sector Energy Agency and is committed to the principles of «Responsible Care».

**We are happy to meet your project requirements.
Please contact Zeochem to outline your needs.**



ГАЛАХИМ
+7 (495) 151-01-50

Все для Вашей Лаборатории
Надежность. Скорость. Качество

mailbox@galachem.ru
www.galachem.ru

- лабораторное оборудование
- стандартные образцы
- лабораторное стекло
- биохимия и клеточная биология
- сорбенты и пластины для ТСХ
- все для фильтрации
- фотореакторы
- электросинтез
- наборы для мультиплексного анализа
- системы очистки воды
- все для хроматографии
- химические реактивы
- аналитические приборы

All information contained in this brochure is given in good faith but without warranty or guarantee of any kind whatever, whether implied or expressed.

ZEOCHEM®

cph | A Company of
Chemie + Papier Holding AG

Zeochem AG
Joweid 5 · 8630 Rütli
Switzerland
Phone +41 44 922 93 93
info@zeochem.com · www.zeochem.com

