



ZE^otope[®]



PHARMA

Chemistry. Pure. Efficient.

*Innovation in Pharma Synthesis with Zeochem's
High-Quality Deuterated Compounds*



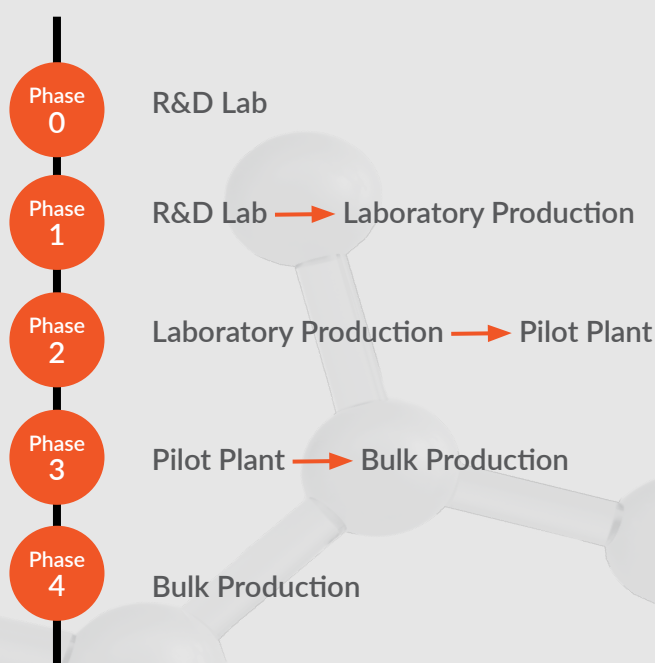
ZE^oCHEM[®]
A Company of CPH Group AG



Zeochem - Your Trusted Partner for Every Clinical Phase

At Zeochem, we provide a single-source solution for pharmaceutical development, offering premium **ZEOnotope** products manufactured in our state-of-the-art facility in Switzerland. Our experienced R&D team supports your projects at every stage, from concept to commercial production, delivering quantities from grams to multi-metric tons.

We tailor product quality to your exact specifications and offer **custom synthesis** services to meet unique project requirements. With Zeochem, you gain a partner committed to **continuity, transparency, and excellence** – all backed by Swiss precision.



Sustainable Deuterium Recycling – Maximize Value, Minimize Waste

Deuterium is a valuable resource, and efficient recycling is both **economical and sustainable**. With over 50 years of expertise in purifying and enriching used and depleted **Deuterium Oxide (D_2O)**, Zeochem operates the **largest deuterium recycling facility in Europe**.

Did you know that recycling **other Deuterium-Labeled Compounds**, such as solvents or deuterium donors, can also be beneficial? Contact us to explore how our recycling solutions can **transform your waste into a valuable resource**.





Zeochem offers a comprehensive portfolio of high-quality **Deuterated Compounds** designed for the synthesis of **Deuterium-Labeled Active Pharmaceutical Ingredients (APIs)**.

These innovative APIs provide significant advantages over traditional APIs, including:

- Improved metabolic profiles
- Higher oral bioavailability
- Reduced dosage requirements

These benefits, driven by the kinetic isotope effect, are actively being explored in clinical trials for next-generation drug development.

Product	CAS-No
Acetic acid-d	758-12-3
Acetic acid-d ₄	1186-52-3
Acetic anhydride-d ₆	11649-49-3
Acetone-d ₆	666-52-4
Acetonitrile-d ₃	19259-90-6
Acetylchloride-d ₃	19259-90-6
Ammonia-d ₃ solution, 25 wt% in D ₂ O	12168-30-8
Aniline-2,3,4,5,6-d ₅	4165-61-1
Benzene-d ₆	1076-43-3
Biphenyl-d ₁₀	1486-01-7
Bromobenzene-d ₅	4165-57-5
Bromocyclopentane-d ₉	35468-44-1
tert.-Butanol-d ₁₀	53001-22-2
tert.-Butylchloride-d ₉	918-20-7
Chlorobenzene-d ₅	3114-55-4
Chloroform-d	865-49-6
Deuterium	7782-39-0
Deuterium chloride, 20 wt% in D ₂ O	7698-05-7
Deuterium chloride, 38 wt% in D ₂ O	7698-05-7
Deuterium oxide	7789-20-0
1,2-Dichlorobenzene-d ₄	2199-69-1
1,4-Dichlorobenzene-d ₄	3855-82-1
Dichloromethane-d ₂	1665-00-5

Product	CAS-No
Dimethyl-d ₆ -amine hydrochloride	53170-19-7
Dimethylcarbonate-d ₆	108481-44-3
N,N-Dimethylformamide-d ₇	4472-41-7
Dimethyl sulfoxide-d ₆	2206-27-1
Ethanol-OD	925-93-9
Ethanol-d ₆	1516-08-1
Formic-d acid, 95wt% in H ₂ O	917-71-5
Formic acid-d ₂ , 95 wt% in D ₂ O	920-42-3
Iodomethane-d ₃	865-50-9
Methanol-OD	1455-13-6
Methanol-d ₃	1849-29-2
Methanol-d ₄	811-98-3
2-Propanol-d ₈	22739-76-0
Pyridine-d ₅	7291-22-7
Sodium borodeuteride	15681-89-7
Sodium deuterioxide, 30 wt% in D ₂ O	14014-06-3
Sodium deuterioxide, 40 wt% in D ₂ O	14014-06-3
Sodium formate-d	3996-15-4
Sulfuric acid-d ₂ , 98 wt% in D ₂ O	13813-19-9
Tetrahydrofuran-d ₈	1693-74-9
Toluene-d ₈	2037-26-5
Trifluoroacetic acid-d	599-00-8

Did you know that ZEOCHEM has other product groups in its portfolio in addition to isotope chemistry?



Chromatography Gels
www.purifications.com



Molecular Sieves & Specialty Zeolites
www.zeochem.com

Let's Collaborate on Your Next Project

Partner with Zeochem to bring your pharmaceutical innovations to life. **Contact us today** to discuss your ongoing projects – we're here to help.

The ZEOCHEM Team

ZEOCHEM has Sales, R&D, and Manufacturing locations throughout the world to better serve our customers.

● Sales ● Manufacturing ● Research & Development



ZEOCHEM[®] cph group

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ZEOCHEM AG is ISO 9001:2015 certified

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