



Laboratorien
Berlin-Adlershof GmbH



**Producer and distributor
of high quality reference
materials for food and
environmental analysis**

WITEGA Laboratorien Berlin-Adlershof GmbH is a reference substance manufacturer for over 30 years. We have over 1.200 reference substances in our portfolio for immediate shipping. We are constantly adding new substances to our catalogue.

Our focus is on reference substances labelled with deuterium, ^{13}C and ^{15}N .

WE PRODUCE AND PROVIDE LABELLED ANALYTICAL STANDARDS OF:

- Anthelmintics/Flukicide,
- Nitrofurans metabolites,
- Nitroimidazoles,
- Quinolones,
- Lactam-Antibiotics
- Sulfonamides
- beta-Agonists,
- Tranquilizer,
- Mycotoxins,
- NSAIDs,
- Steroids,
- Antiviral agents,
- Tetracyclines,
- Plasticizers,
- Pesticides,





WITEGA

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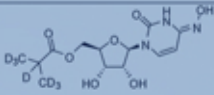
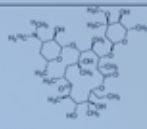
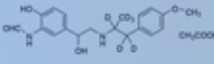
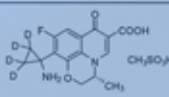
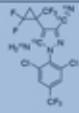
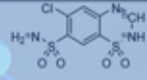
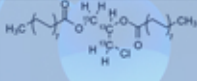
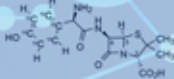
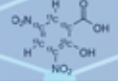
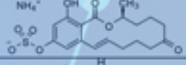
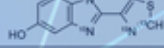
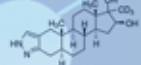
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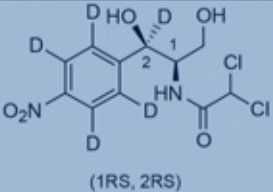
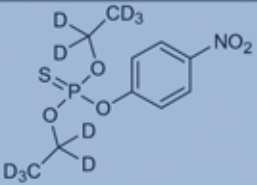
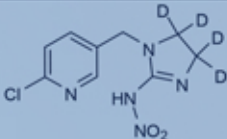
Email: witega@witega.de

Web: witega.de

OUR HIGHLIGHTS OF REFERENCE SUBSTANCE:

VS009		Molnupiravir-D ₇ CAS-No.: not available
OP275		Erythromycin- <i>N,N</i> -dimethyl- ¹³ C ₂ A CAS-No.: 202114-52-1
BA086		Formoterol-D ₈ acetate (mixture of diastereomers) CAS-No.: not available
CH050		Pazufloxacin-D ₄ methanesulfonate Pazufloxacin-D ₄ mesylate CAS-No.: 1346602-97-8
PS351		Sisapronil- ¹³ C ₂ , ¹⁵ N ₂ CAS-No.: not available
SA044		Chlorothiazide- ¹³ C, ¹⁵ N ₂ CAS-No.: 1189440-79-6
OP249		1,2-Dipalmitoyl-3-chloropropanediol- ¹³ C ₃ CAS-No.: not available
LA020		Amoxicillin- ¹³ C ₆ CAS-No.: not available
NF048		3,5-Dinitrosalicylic acid- ¹³ C ₆ DNSA- ¹³ C ₆ CAS-No.: not available
MT014		Zearalenone-14-sulfate ammonium salt CAS-No.: 1439328-85-4
BI079		5-Hydroxythiabenzazole- ¹³ C, ¹⁵ N ₂ CAS-No.: not available
ST038		16β-Hydroxystanzozolol-D ₃ (mixture of diastereomers) CAS-No.: not available

SOLUTIONS:

OP027AMP	<i>threo</i> -Chloramphenicol-D ₅ 100 µg/ml in acetonitrile, ISO9001	 (1R, 2R)
PS117-AMP	Parathion-D ₁₀ 100 µg/ml in acetonitrile, ISO9001	
PS074-AMP	Imidacloprid-D ₄ 100 µg/ml in acetonitrile, ISO9001	

MIXES:

NM_MIX003-AMP	Nitroimidazoles-MIX, multicomponent solution with 13 analytes
OP_MIX004-AMP	Amphenicols-MIX, multicomponent solution with 4 analytes
CH_MIX005-AMP	Quinolones Mix; multicomponent solution with 13 analytes
SA_MIX006-AMP	Sulfonamides Mix, multicomponent solution with 20 analytes
ST_MIX007-AMP	Corticosteroids Mix, multicomponent solution with 6 analytes



CUSTOM SYNTHESIS

We provide the synthesis of novel organic compounds, research reagents, building blocks and metabolites and impurities from pharmaceutical ingredients. All compounds can be synthesized stable isotope labelled ($2H$, $13C$, $15N$).

Our custom synthesis service includes:

- High quality products – fulfilling your specifications
- Synthesis from milligram to kilogram scale
- Process development and optimization of synthetic routes
- Purification, identification and characterization of unknown compounds



ANALYTICAL SERVICE

We provide the following quantitative and qualitative analysis of organic compounds:

- Elemental analysis (C, H, N)
- Mass spectrometry analysis (PLC-MS)
- HPLC-UV analysis
- UV spectroscopy
- NMR spectroscopy ($1H$, $13C$, $31P$, $19F$)
- Karl Fischer titration (water determination)
- Melting point
- Specific rotation angle
- Purity, solubility and stability determination
- Isolation and characterization of impurities and degradation products
- X-ray diffraction



SPECIFICATION OF OUR PRODUCTS:

All products are delivered with a substance data sheet (Certificate of Analysis)

- NMR spectra, HPLC-UV and HPLC-MS chromatograms on request
- Material Safety Data Sheets are available for all products
- Chemical Purity: >98-99%
- Isotopic Purity: >98-99%

WITEGA ANALYTICAL STANDARDS ARE PRODUCED ACCORDING TO THE PRINCIPLES DESCRIBED IN THE ISO 17034 OR ISO 9001.

