

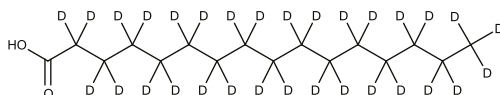


Australian Government

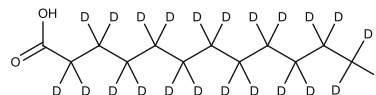


ANSTO and Key Organics now offer a range of deuterated fatty acids, these have been utilised in biomineralisation, formulation and imaging studies, they can also be used as biopolymer feedstocks and in consumer health applications.

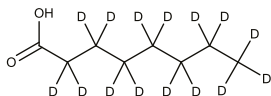
These are only a small selection of compounds, please do get In touch to see how we might be able to assist with your project needs in this area.



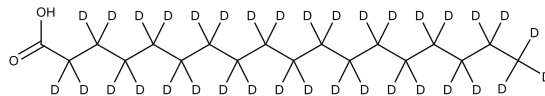
AS-57625



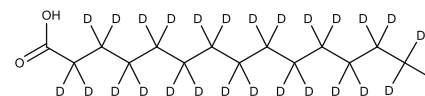
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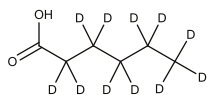
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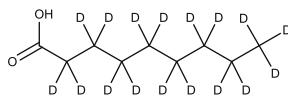
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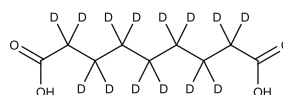
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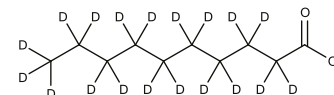
AS-84949



AS-84950



AS-84951



AS-84952

References

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- Darwish *et al*: **Counting crystal clusters**, *CrystEng Comm*, issue 38, 2017
- Russell *et al*: **Carbon nanotube mediated miscibility of polyhydroxyalkanoate blends and chemical imaging using deuterium-labelled poly(3-hydroxyoctanoate)**, *European Polymer Journal*, Volume 105, August 2018, Pages 150-157
- Russell *et al*: **Deuterated Polymers for Probing Phase Separation Using Infrared Microspectroscopy**, *Biomacromolecules* 2014, 15, 2, 644–649
- Boyd *et al*: **PEGylation and surface functionalization of liposomes containing drug nanocrystals for cell-targeted delivery**, *Colloids and Surfaces B: Biointerfaces* Volume 182, 1 October 2019, 110362

# Ordering information

- ✓ Direct via phone, email or web shop
- ✓ Via compound searching platforms such as Scifinder, ACD, Chemspider, Chem ACX and Reaxys Commercial Substances
- ✓ Via procurement platforms such as eMolecules, Amici, ChemoSapeins, ChemSpace and Science Warehouse/Advanced
- ✓ Searching and filtering cheminformatics available
- ✓ Different tubing and weighing options available
- ✓ Over 290,000 compounds

## Did You Know?

- Many of our BIONET products are now available in Kg quantities - please contact us for more details
- Our BIONET products are guaranteed, we offer a "no quibble" refund
- Full pre- and post sales support

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## Functional Group and Substructure Group Classes

### BIONET Functional Groups

Alcohols  
Aldehydes  
Amines  
Amino Acids  
Aromatic OH  
Boron Compounds  
Carboxylic Acids  
Diamines  
Dicarbonyls 1,3  
Esters  
Fluorinated Compounds  
Hydrazides  
Hydrazines  
Hydroxylamines  
Ketones  
Miscellaneous Functional Groups  
Nitriles  
Protected Compounds  
Reactive Halides  
Saturated Compounds  
Spiro Compounds  
Sulphonyl Chlorides  
Thiols

### BIONET Substructure Groups

Anilines  
Azaindoles  
Benzimidazoles  
Benzodioxepines  
Benzodioxines  
Benzodioxoles  
Benzofurans  
Benzothiadiazole  
Benzothiazines  
Benzothiazoles  
Benzothiaphenes  
Benzoxazines  
Benzoxazoles/Benzisoxazoles  
Furans  
Imidazoles  
Indoles  
Isoindoles  
Isoquinolines  
Isothiazoles  
Isoxazoles  
Naphthalenes  
Naphthyridines  
Other Ring Systems  
Oxadiazoles  
Oxazoles  
Piperidines  
Pyrans  
Pyrazoles  
Pyrazolopyridines  
Pyridines  
Pyrimidines  
Pyrroles  
Pyrrolidines  
Quinazoline  
Quinolines  
Quinoxalines  
Thiadiazoles  
Thiazolanes  
Thiazoles  
Thiaphenes  
Triazoles

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