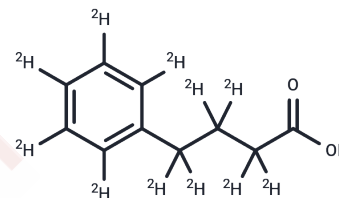


4-Phenylbutyric acid-D11

Chemical Properties

CAS No. :	358730-86-6
Formula:	C ₁₀ H ₁₂ O ₂
Molecular Weight:	175.27
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year Actual storage temperature shall be subject to the COA.



Biological Description

Description	4-Phenylbutyric acid-D11 is the deuterated form of 4-Phenylbutyric acid. 4-Phenylbutyric acid (T5886) (4-PBA) functions as an inhibitor of histone deacetylase (HDAC) and endoplasmic reticulum stress (ERS), making it useful in the study of diseases such as cancer and infections.
Targets(IC50)	HDAC,Virus Protease

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	5.7055 mL	28.5274 mL	57.0548 mL
5 mM	1.1411 mL	5.7055 mL	11.411 mL
10 mM	0.5705 mL	2.8527 mL	5.7055 mL
50 mM	0.1141 mL	0.5705 mL	1.1411 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481