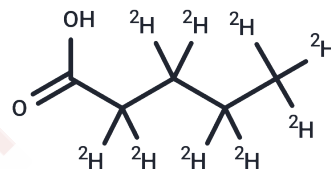


## Pentanoic-D9 Acid

## Chemical Properties

CAS No. :	115871-50-6
Formula:	C <sub>5</sub> H <sub>1</sub> D <sub>9</sub> O <sub>2</sub>
Molecular Weight:	111.19
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	Pentanoic-D9 Acid is a deuterated compound of Pentanoic Acid. Pentanoic Acid has a CAS number of 109-52-4. Valeric acid, or pentanoic acid, is a straight chain alkyl carboxylic acid with the chemical formula CH <sub>3</sub> (CH <sub>2</sub> ) <sub>3</sub> COOH. Like other low molecular weight carboxylic acids, it has a very unpleasant odor. It is found naturally in the perennial flowering plant valerian ( <i>Valeriana officinalis</i> ), from which it gets its name.
Targets(IC50)	Endogenous Metabolite,ROCK

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	8.9936 mL	44.9681 mL	89.9361 mL
5 mM	1.7987 mL	8.9936 mL	17.9872 mL
10 mM	0.8994 mL	4.4968 mL	8.9936 mL
50 mM	0.1799 mL	0.8994 mL	1.7987 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

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

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