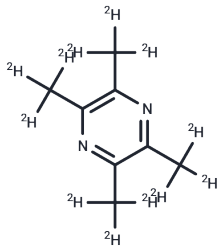
Data Sheet (Cat.No.TMIJ-0194)

TargetMol

Tetramethylpyrazine-D12

Chemical Properties



CAS No. : 65127-74-4

Formula: C8D12N2

Molecular Weight: 148.27

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	Tetramethylpyrazine-D12 is a deuterated compound of Tetramethylpyrazine. Tetramethylpyrazine (T2722) has a CAS number of 1124-11-4. Tetramethylpyrazine (T2722) (ligustrazine, TMP), a natural compound isolated from Chinese herbal medicine Ligusticum wallichii (Chuan Xiong) shows anti-inflammation, antioxidant, antiplatelet, and antiapoptosis activities.
Targets(IC50)	Apoptosis

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	6.7445 mL	33.7223 mL	67.4445 mL
5 mM	1.3489 mL	6.7445 mL	13.4889 mL
10 mM	0.6744 mL	3.3722 mL	6.7445 mL
50 mM	0.1349 mL	0.6744 mL	1.3489 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