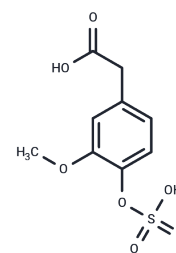


Homovanillic Acid Sulfate

Chemical Properties

CAS No. :	38339-06-9
Formula:	C ₉ H ₁₀ O ₇ S
Molecular Weight:	262.24
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	Homovanillic acid sulfate is used as a reagent to detect oxidative enzymes, and is associated with dopamine levels in the brain. In psychiatry and neuroscience, brain and cerebrospinal fluid levels of homovanillic acid are measured as a marker of metabolic stress caused by 2-deoxy-D-glucose. Homovanillic acid sulfate presence supports a diagnosis of neuroblastoma and malignant pheochromocytoma.
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.8133 mL	19.0665 mL	38.133 mL
5 mM	0.7627 mL	3.8133 mL	7.6266 mL
10 mM	0.3813 mL	1.9067 mL	3.8133 mL
50 mM	0.0763 mL	0.3813 mL	0.7627 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