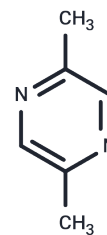


2,5-Dimethylpyrazine

Chemical Properties

CAS No. :	123-32-0
Formula:	C ₆ H ₈ N ₂
Molecular Weight:	108.14
Appearance:	no data available
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	2,5-Dimethylpyrazine is present in asparagus, wheat bread, crispbread, Swiss cheeses, black or green tea, soya, malt, raw shrimp and squid. 2,5-Dimethylpyrazine is used as flavor additive and odorant in foods.
Targets(IC50)	Others,Endogenous Metabolite

Solubility Information

Solubility	DMSO: 22.5 mg/mL (208.06 mM), (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	9.2473 mL	46.2364 mL	92.4727 mL
5 mM	1.8495 mL	9.2473 mL	18.4945 mL
10 mM	0.9247 mL	4.6236 mL	9.2473 mL
50 mM	0.1849 mL	0.9247 mL	1.8495 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.

Reference

- Agyin, J.K., et al.: Bioorg. Med. Chem. Lett., 23, 6455 (2013)
 Ball, A.P., et al.: Lancet, 1, 620 (1980)

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