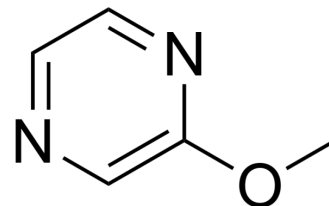


2-Methoxypyrazine

Cat. No.:	HY-W010562
CAS No.:	3149-28-8
Molecular Formula:	C ₅ H ₆ N ₂ O
Molecular Weight:	110.11
Target:	Others
Pathway:	Others
Storage:	<div>Pure form</div> <div>-20°C 3 years</div> <div>4°C 2 years</div> <div>In solvent</div> <div>-80°C 6 months</div> <div>-20°C 1 month</div>



SOLVENT & SOLUBILITY

In Vitro	DMSO : 100 mg/mL (908.18 mM; Need ultrasonic)					
	Preparing Stock Solutions	<div><div>Solvent</div><div>Concentration</div></div>	Mass	1 mg	5 mg	10 mg
		1 mM		9.0818 mL	45.4091 mL	90.8183 mL
		5 mM		1.8164 mL	9.0818 mL	18.1637 mL
		10 mM		0.9082 mL	4.5409 mL	9.0818 mL
Please refer to the solubility information to select the appropriate solvent.						
In Vivo	1. Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline Solubility: ≥ 2.5 mg/mL (22.70 mM); Clear solution					
	2. Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: ≥ 2.5 mg/mL (22.70 mM); Clear solution					
	3. Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 2.5 mg/mL (22.70 mM); Clear solution					

BIOLOGICAL ACTIVITY

Description	2-Methoxypyrazine is an active compound. 2-Methoxypyrazine can be used for the research of various biochemical studies ^[1]
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REFERENCES

[1]. C Sala, et al. Headspace solid-phase microextraction method for determining 3-alkyl-2-methoxypyrazines in musts by means of polydimethylsiloxane-divinylbenzene fibres. J Chromatogr A. 2000 Jun 2;880(1-2):93-9.

Caution: Product has not been fully validated for medical applications. For research use only.

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