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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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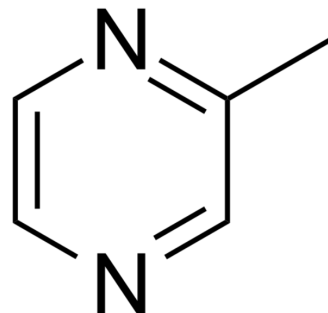
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2-Methylpyrazine

Cat. No.:	HY-W067358
CAS No.:	109-08-0
Molecular Formula:	C ₅ H ₆ N ₂
Molecular Weight:	94.11
Target:	Others
Pathway:	Others
Storage:	4°C, stored under nitrogen * In solvent : -80°C, 6 months; -20°C, 1 month (stored under nitrogen)



SOLVENT & SOLUBILITY

In Vitro	DMSO : 100 mg/mL (1062.59 mM; Need ultrasonic)				
	Preparing Stock Solutions	Solvent Concentration	Mass	1 mg	
				5 mg	
				10 mg	
				10 mM	
			1 mg	5 mg	10 mg
	1 mM		10.6259 mL	53.1293 mL	106.2586 mL
	5 mM		2.1252 mL	10.6259 mL	21.2517 mL
	10 mM		1.0626 mL	5.3129 mL	10.6259 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 (26.56 mM); Clear solution				
	2. Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: ≥ 2.5 mg/mL (26.56 mM); Clear solution				
	3. Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 2.5 mg/mL (26.56 mM); Clear solution				

BIOLOGICAL ACTIVITY

Description	2-Methylpyrazine is a kind of alkylpyrazine that can be identified in roasted red pepper seed oils ^[1] .
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REFERENCES

[1]. M.Y Jung, et al. Effects of roasting on pyrazine contents and oxidative stability of red pepper seed oil prior to its extraction. J Agric Food Chem. 1999 Apr;47(4):1700-4.

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

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