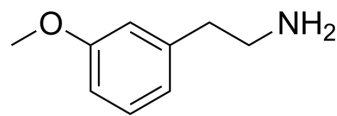


3-Methoxyphenylethylamine

Cat. No.:	HY-41268	
CAS No.:	2039-67-0	
Molecular Formula:	C ₉ H ₁₃ NO	
Molecular Weight:	151.21	
Target:	Fluorescent Dye	
Pathway:	Others	
Storage:	Pure form	-20°C 3 years
		4°C 2 years
	In solvent	-80°C 6 months
		-20°C 1 month



SOLVENT & SOLUBILITY

In Vitro

DMSO : 100 mg/mL (661.33 mM; ultrasonic and warming and heat to 60°C)

Preparing Stock Solutions	Solvent Concentration	Mass		
		1 mg	5 mg	10 mg
	1 mM	6.6133 mL	33.0666 mL	66.1332 mL
	5 mM	1.3227 mL	6.6133 mL	13.2266 mL
	10 mM	0.6613 mL	3.3067 mL	6.6133 mL

Please refer to the solubility information to select the appropriate solvent.

In Vivo

- Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline
Solubility: ≥ 2.5 mg/mL (16.53 mM); Clear solution
- Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline)
Solubility: ≥ 2.5 mg/mL (16.53 mM); Clear solution
- Add each solvent one by one: 10% DMSO >> 90% corn oil
Solubility: ≥ 2.5 mg/mL (16.53 mM); Clear solution

BIOLOGICAL ACTIVITY

Description

3-Methoxyphenylethylamine is an organic compound that is used as an intermediate for pharmaceuticals, dyestuffs, and liquid crystal materials^[1].

REFERENCES

[1]. Filippo Erli, et al. Highly Potent and Selective New Diphenethylamines Interacting with the κ -Opioid Receptor: Synthesis, Pharmacology, and Structure-Activity Relationships. J Med Chem. 2017 Sep 14;60(17):7579-7590.

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

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