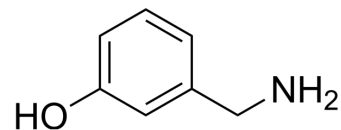


## 3-(Aminomethyl)phenol

Cat. No.:	HY-W069508
CAS No.:	73604-31-6
Molecular Formula:	C <sub>7</sub> H <sub>9</sub> NO
Molecular Weight:	123.15
Target:	Others
Pathway:	Others
Storage:	4°C, protect from light * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light)



### SOLVENT & SOLUBILITY

#### In Vitro

DMSO : 2 mg/mL (16.24 mM; ultrasonic and warming and heat to 60°C)

Concentration	Solvent	Mass		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	8.1202 mL	40.6009 mL	81.2018 mL
	5 mM	1.6240 mL	8.1202 mL	16.2404 mL
	10 mM	0.8120 mL	4.0601 mL	8.1202 mL

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

### BIOLOGICAL ACTIVITY

#### Description

3-(Aminomethyl)phenol (m-Hydroxybenzylamine) reduces prefrontal Dopamine (DA) levels<sup>[1]</sup>.

### REFERENCES

[1]. Galloway MP, et al. Regulation of dopamine synthesis in the medial prefrontal cortex is mediated by release modulating autoreceptors: studies in vivo. J Pharmacol Exp Ther. 1986 Mar;236(3):689-98.

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA