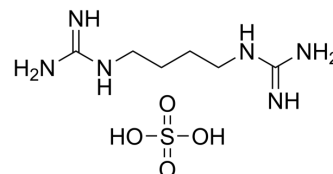


Arcaïne sulfate

Cat. No.:	HY-100920		
CAS No.:	14923-17-2		
Molecular Formula:	C ₆ H ₁₈ N ₆ O ₄ S		
Molecular Weight:	270.31		
Target:	iGluR		
Pathway:	Membrane Transporter/Ion Channel; Neuronal Signaling		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month



SOLVENT & SOLUBILITY

In Vitro

1M NaOH : 20 mg/mL (73.99 mM; ultrasonic and adjust pH to 11 with NaOH)

Concentration	Solvent	Mass		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	3.6995 mL	18.4973 mL	36.9946 mL
	5 mM	0.7399 mL	3.6995 mL	7.3989 mL
	10 mM	0.3699 mL	1.8497 mL	3.6995 mL

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

BIOLOGICAL ACTIVITY

Description

Arcaïne (sulfate) is a glutamate NMDA receptor inhibitor^[1].

REFERENCES

[1]. Huang MJ, et al. Structure-activity analysis of guanidine group in agmatine for brain agmatinase. Ann N Y Acad Sci. 2003 Dec;1009:52-63.

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