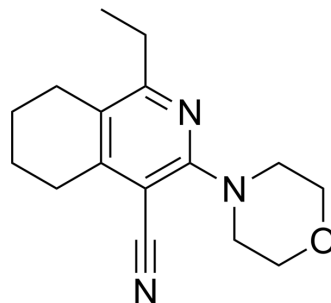


mGluR3 modulator-1

Cat. No.:	HY-153132		
CAS No.:	374548-18-2		
Molecular Formula:	C ₁₆ H ₂₁ N ₃ O		
Molecular Weight:	271.36		
Target:	mGluR		
Pathway:	GPCR/G Protein; 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

DMSO : 125 mg/mL (460.64 mM; Need ultrasonic)

Concentration	Solvent	Mass		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	3.6851 mL	18.4257 mL	36.8514 mL
	5 mM	0.7370 mL	3.6851 mL	7.3703 mL
	10 mM	0.3685 mL	1.8426 mL	3.6851 mL

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

BIOLOGICAL ACTIVITY

Description

mGluR3 modulator-1 (compound 3) is a mGluR3 modulator, with an EC₅₀ of 1-10 μM in HEK293T-mGluR-Gq β 5 Calcium Mobilization Assay^[1].

REFERENCES

[1]. Justin Potnick, et al. Modulateurs allostériques positifs de mglur3. Patent. WO2014117919.

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