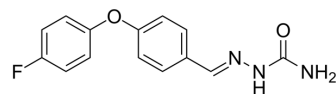


Co 102862

Cat. No.:	HY-108504		
CAS No.:	181144-66-1		
Molecular Formula:	C ₁₄ H ₁₂ FN ₃ O ₂		
Molecular Weight:	273.26		
Target:	Sodium Channel		
Pathway:	Membrane Transporter/Ion Channel		
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 : 41.67 mg/mL (152.49 mM; ultrasonic and warming and heat to 80°C)

Concentration	Mass		
	1 mg	5 mg	10 mg
1 mM	3.6595 mL	18.2976 mL	36.5952 mL
5 mM	0.7319 mL	3.6595 mL	7.3190 mL
10 mM	0.3660 mL	1.8298 mL	3.6595 mL

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

BIOLOGICAL ACTIVITY

Description

Co 102862 (V 102862) is a potent, broad-spectrum, state-dependent Na⁺ channel blocker. Co 102862 is also an orally active anticonvulsant^[1].

REFERENCES

[1]. Ilyin VI, et al. V102862 (Co 102862): a potent, broad-spectrum state-dependent blocker of mammalian voltage-gated sodium channels. Br J Pharmacol. 2005 Mar;144(6):801-12.

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

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