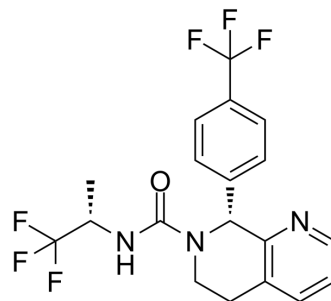


AMG2850

Cat. No.:	HY-104059		
CAS No.:	1470018-52-0		
Molecular Formula:	C ₁₉ H ₁₇ F ₆ N ₃ O		
Molecular Weight:	417.35		
Target:	TRP Channel		
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	DMSO : 100 mg/mL (239.61 mM; Need ultrasonic)			
		Solvent Concentration	Mass	
			1 mg	5 mg
			10 mg	
Preparing Stock Solutions	1 mM	2.3961 mL	11.9804 mL	23.9607 mL
	5 mM	0.4792 mL	2.3961 mL	4.7921 mL
	10 mM	0.2396 mL	1.1980 mL	2.3961 mL
Please refer to the solubility information to select the appropriate solvent.				
In Vivo	1. Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 2.5 mg/mL (5.99 mM); Clear solution			

BIOLOGICAL ACTIVITY

Description	AMG2850 is a potent, orally bioavailable and selective transient receptor potential melastatin 8 (TRPM8) antagonist ^[1] .
IC₅₀ & Target	TRPM8 ^[1] .

REFERENCES

[1]. Lehto SG, et al. AMG2850, a potent and selective TRPM8 antagonist, is not effective in rat models of inflammatory mechanical hypersensitivity and neuropathic tactile allodynia. *Naunyn-Schmiedeberg's Arch Pharmacol.* 2015 Apr;388(4):465-76.

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

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