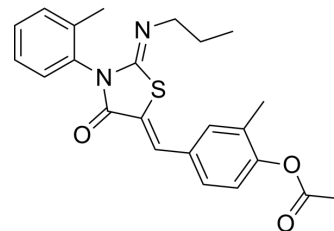


S1PR1 modulator 1

Cat. No.:	HY-126145		
CAS No.:	2328109-05-1		
Molecular Formula:	C ₂₃ H ₂₄ N ₂ O ₃ S		
Molecular Weight:	408.51		
Target:	LPL Receptor		
Pathway:	GPCR/G Protein		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month



BIOLOGICAL ACTIVITY

Description	S1PR1 modulator 1 is a selective S1PR1 inhibitor, with a pIC ₅₀ of 7.6, with >40- and >80-fold selectivity, over the other S1PR isoforms S1PR2/3/4 ^[1] .
IC ₅₀ & Target	pIC ₅₀ : 7.6 (S1PR1), 6 (S1PR3) ^[1]
In Vitro	S1PR1 modulator 1 (Compound 10a; (Z,Z)-10a) is selective at S1PR1 over S1PR3 (pIC ₅₀ , 6), S1PR2 and S1PR4 (pIC ₅₀ s, <5) ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Bell M, et al. Discovery of Soft-Drug Topical Tool Modulators of Sphingosine-1-phosphate Receptor 1 (S1PR1). ACS Med Chem Lett. 2019 Feb 14;10(3):341-347.

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

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