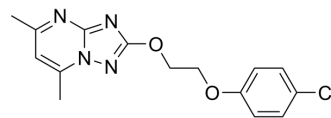


STS-E412

Cat. No.:	HY-W062700		
CAS No.:	1609980-39-3		
Molecular Formula:	C ₁₅ H ₁₅ ClN ₄ O ₂		
Molecular Weight:	318.76		
Target:	Others		
Pathway:	Others		
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 : 50 mg/mL (156.86 mM; Need ultrasonic)			
		Solvent Concentration	Mass	
			1 mg	5 mg
			10 mg	
Preparing Stock Solutions	1 mM	3.1372 mL	15.6858 mL	31.3716 mL
	5 mM	0.6274 mL	3.1372 mL	6.2743 mL
	10 mM	0.3137 mL	1.5686 mL	3.1372 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: ≥ 2.08 mg/mL (6.53 mM); Clear solution			

BIOLOGICAL ACTIVITY

Description	STS-E412 is a selective activator of tissue-protective EPO receptor (including EPOR and CD131). STS-E412 can be used for research of neurodegenerative diseases and organ protection ^[1] .
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REFERENCES

[1]. Miller JL, et al. Discovery and Characterization of Nonpeptidyl Agonists of the Tissue-Protective Erythropoietin Receptor. Mol Pharmacol. 2015 Aug;88(2):357-67.

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

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