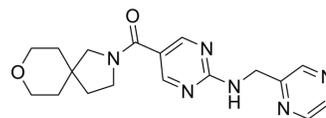


PFI-653

Cat. No.:	HY-129035		
CAS No.:	2173134-00-2		
Molecular Formula:	C ₁₈ H ₂₂ N ₆ O ₂		
Molecular Weight:	354.41		
Target:	Others		
Pathway:	Others		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	2 years
		-20°C	1 year



SOLVENT & SOLUBILITY

In Vitro	DMSO : 125 mg/mL (352.70 mM; Need ultrasonic)				
		Solvent Concentration	Mass 1 mg	5 mg	10 mg
	Preparing Stock Solutions	1 mM	2.8216 mL	14.1080 mL	28.2159 mL
		5 mM	0.5643 mL	2.8216 mL	5.6432 mL
10 mM		0.2822 mL	1.4108 mL	2.8216 mL	
Please refer to the solubility information to select the appropriate solvent.					
In Vivo	<ol style="list-style-type: none"> Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline Solubility: ≥ 2.08 mg/mL (5.87 mM); Clear solution Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: ≥ 2.08 mg/mL (5.87 mM); Clear solution Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 2.08 mg/mL (5.87 mM); Clear solution 				

BIOLOGICAL ACTIVITY

Description	PFI-653 (Vanin-1-IN-1) is an inhibitor of vanin-1 enzyme which is a cell surface associated, glycosylphosphatidylinositol (GPI) anchored protein and plays an important role in metabolism and inflammation ^[1] .
IC ₅₀ & Target	vanin-1 enzyme ^[1]

REFERENCES

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

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