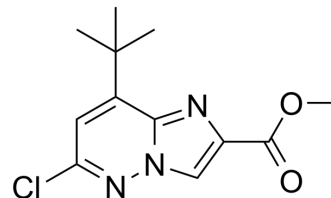


## PAR-2-IN-1

Cat. No.:	HY-138558		
CAS No.:	1690176-75-0		
Molecular Formula:	C <sub>12</sub> H <sub>14</sub> ClN <sub>3</sub> O <sub>2</sub>		
Molecular Weight:	267.71		
Target:	Protease Activated Receptor (PAR)		
Pathway:	GPCR/G Protein		
Storage:	Powder	-20°C	3 years
	In solvent	-80°C	6 months
		-20°C	1 month



### SOLVENT & SOLUBILITY

In Vitro	DMSO : 83.33 mg/mL (311.27 mM; Need ultrasonic)					
	Preparing Stock Solutions	Solvent Concentration	Mass			
			1 mg	5 mg	10 mg	
			1 mM	3.7354 mL	18.6769 mL	37.3539 mL
			5 mM	0.7471 mL	3.7354 mL	7.4708 mL
10 mM	0.3735 mL	1.8677 mL	3.7354 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 (7.77 mM); Clear solution					

### BIOLOGICAL ACTIVITY

Description	PAR-2-IN-1 is a protease-activated receptor-2 (PAR2) signaling pathway inhibitor with anti-inflammatory and anticancer effects <sup>[1]</sup> .
IC <sub>50</sub> & Target	PAR2 <sup>[1]</sup>

### REFERENCES

[1]. Luc J. Farmer, et al. Imidazopyridazines useful as inhibitors of the par-2 signaling pathway. WO2015048245A1.

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

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