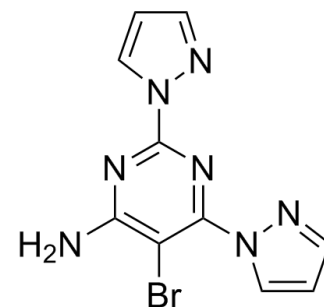


Taminadenant

Cat. No.:	HY-109139
CAS No.:	1337962-47-6
Molecular Formula:	C ₁₀ H ₈ BrN ₇
Molecular Weight:	306.12
Target:	Adenosine Receptor
Pathway:	GPCR/G Protein
Storage:	Please store the product under the recommended conditions in the COA.



Solvent & Solubility

In Vitro	DMSO : 125 mg/mL (408.34 mM; Need ultrasonic)			
		Solvent Concentration	Mass	
			1 mg	5 mg
	Preparing Stock Solutions	1 mM	3.2667 mL	16.3335 mL
		5 mM	3.2667 mL	6.5334 mL
		10 mM	0.3267 mL	1.6333 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 >> 90% (20% SBE-β-CD in saline) Solubility: ≥ 2.08 mg/mL (6.79 mM); Clear solution Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 2.08 mg/mL (6.79 mM); Clear solution Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline Solubility: ≥ 2.08 mg/mL (6.79 mM); Clear solution 			

BIOLOGICAL ACTIVITY

Description	Taminadenant is an antagonist of adenosine receptor ^[1] .
IC ₅₀ & Target	Adenosine receptor ^[1]

REFERENCES

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

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