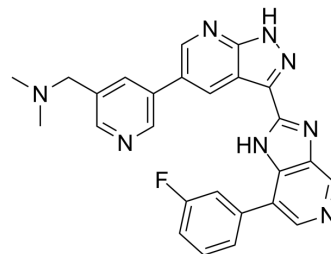


Ipivivint

Cat. No.:	HY-137443		
CAS No.:	1481617-15-5		
Molecular Formula:	C ₂₆ H ₂₁ FN ₈		
Molecular Weight:	464.5		
Target:	CDK; Wnt		
Pathway:	Cell Cycle/DNA Damage; Stem Cell/Wnt		
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 : 3.33 mg/mL (7.17 mM; ultrasonic and warming and heat to 80°C)

Concentration	Mass		
	1 mg	5 mg	10 mg
1 mM	2.1529 mL	10.7643 mL	21.5285 mL
5 mM	0.4306 mL	2.1529 mL	4.3057 mL
10 mM	---	---	---

Please refer to the solubility information to select the appropriate solvent.

BIOLOGICAL ACTIVITY

Description

Ipivivint (compound 38) is a potent CDC-like kinase (CLK) inhibitor with EC₅₀s of 1 nM, 7 nM for CLK2 and CLK3, respectively. Ipivivint inhibits Wnt pathway (EC₅₀=13 nM)^[1].

IC₅₀ & Target

CDK2 1 nM (EC ₅₀)	CDK3 7 nM (EC ₅₀)	Wnt
----------------------------------	----------------------------------	-----

REFERENCES

[1]. Betty Tam, et al. Methods of treating cancer using a clk inhibitor. WO2020006115A1.

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA