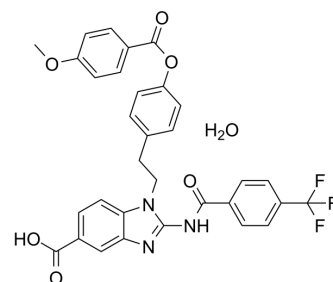


BIX-01338 hydrate

Cat. No.:	HY-12991A
CAS No.:	1228184-65-3
Molecular Formula:	C ₃₂ H ₂₆ F ₃ N ₃ O ₇
Molecular Weight:	621.56
Target:	Histone Methyltransferase
Pathway:	Epigenetics
Storage:	-20°C, sealed storage, away from moisture and light * In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture and light)



SOLVENT & SOLUBILITY

In Vitro

DMSO : 200 mg/mL (321.77 mM; Need ultrasonic)

Concentration	Mass		
	1 mg	5 mg	10 mg
1 mM	1.6089 mL	8.0443 mL	16.0886 mL
5 mM	0.3218 mL	1.6089 mL	3.2177 mL
10 mM	0.1609 mL	0.8044 mL	1.6089 mL

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

BIOLOGICAL ACTIVITY

Description

BIX-01338 hydrate is a histone lysine methyltransferase inhibitor.

IC₅₀ & Target

Histone lysine methyltransferase^[1]

REFERENCES

[1]. Kubicek S, et al. Reversal of H3K9me2 by a small-molecule inhibitor for the G9a histone methyltransferase. Mol Cell. 2007 Feb 9;25(3):473-81.

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

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