

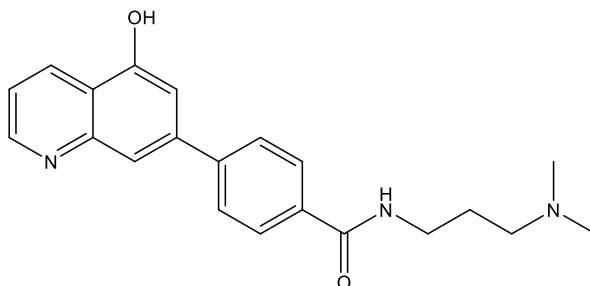
Catalog # 10-1455

ML324

CAS# 1222800-79-4

N-(3-(Dimethylamino)propyl)-4-(8-hydroxyquinolin-6-yl)benzamide

Lot # X106145



Inhibits JMJD2 histone demethylases. Represses the expression of viral (HCMV and HSV-1) immediate early genes ($IC_{50} \sim 10 \mu\text{M}$) and abrogates infection. Represses the reactivation of HSV from the latent state in sensory neurons.¹

- 1) Liang *et al.* (2013), *Targeting the JMJD2 histone demethylases to epigenetically control herpesvirus infection and reactivation from latency*, *Sci. Transl. Med.*, **5** 167ra5

PHYSICAL DATA

Molecular Weight:	349.43
Molecular Formula:	$\text{C}_{21}\text{H}_{23}\text{N}_3\text{O}_2$
Purity:	98% by TLC
	NMR: (Conforms)
Solubility:	DMSO (10 mg/ml)
Physical Description:	Off-white to pale yellow solid
Storage and Stability:	Store as supplied desiccated at -20°C for up to 1 year from the date of purchase. Solutions in DMSO may be stored at -20°C for up to 1 month.

Materials provided by Focus Biomolecules are for laboratory research use only and are not intended for human or veterinary applications.

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