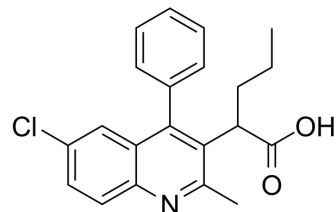


LEDGIN6

Cat. No.:	HY-10522		
CAS No.:	957890-42-5		
Molecular Formula:	C ₂₁ H ₂₀ ClNO ₂		
Molecular Weight:	353.84		
Target:	HIV; HIV Integrase		
Pathway:	Anti-infection; Metabolic Enzyme/Protease		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	2 years
		-20°C	1 year



SOLVENT & SOLUBILITY

In Vitro

DMSO : ≥ 100 mg/mL (282.61 mM)
 * "≥" means soluble, but saturation unknown.

Preparing Stock Solutions	Solvent Concentration	Mass		
		1 mg	5 mg	10 mg
	1 mM	2.8261 mL	14.1307 mL	28.2614 mL
	5 mM	0.5652 mL	2.8261 mL	5.6523 mL
	10 mM	0.2826 mL	1.4131 mL	2.8261 mL

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

In Vivo

- Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline
 Solubility: ≥ 2.5 mg/mL (7.07 mM); Clear solution
- Add each solvent one by one: 10% DMSO >> 90% corn oil
 Solubility: ≥ 2.5 mg/mL (7.07 mM); Clear solution

BIOLOGICAL ACTIVITY

Description

LEDGIN6 (CX05168) is a quinoline-based protein-protein interaction inhibitor of LEDGF/p75 and HIV integrase^[1].

CUSTOMER VALIDATION

- Int J Antimicrob Agents. 2019 Dec;54(6):814-819.
- Retrovirology. 2020 Aug 31;17(1):28.

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- Molecular Medicine & Haematology National Health Laboratory Services. University of the Witwatersrand.
 - Faculty of Health Sciences. University of the Witwatersrand. 2019 May.

See more customer validations on www.MedChemExpress.com

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

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