

(±)-Enitociclib

Chemical Properties

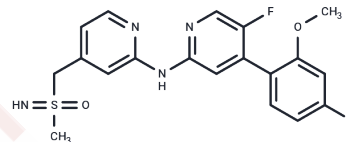
CAS No. : 1610358-53-6

Formula: C₁₉H₁₈F₂N₄O₂S

Molecular Weight: 404.43

Appearance: no data available

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



Biological Description

Description	(±)-Enitociclib ((±)-BAY-1251152) is a racemic mixture of BAY-1251152, a highly selective inhibitor of PTEF/CDK9.
Targets(IC50)	CDK

Solubility Information

Solubility	DMSO: 50 mg/mL (123.63 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.4726 mL	12.3631 mL	24.7262 mL
5 mM	0.4945 mL	2.4726 mL	4.9452 mL
10 mM	0.2473 mL	1.2363 mL	2.4726 mL
50 mM	0.0495 mL	0.2473 mL	0.4945 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Reference

Luecking, et al. Identification of potent and highly selective PTEFb inhibitor BAY 1251152 for the treatment of cancer: from p.o. to i.v. application via scaffold hops [abstract]. In: Proceedings of the American Association for Cancer Research Annual Meeting 2017; 2017 Apr 1-5; Washington, DC. Philadelphia (PA): AACR; Cancer Res 2017; 77(13 Suppl):Abstract nr 984. doi:10.1158/1538-7445.AM2017-984

Zhang G M, Huang S S, Ye L X, et al. Reciprocal positive regulation between BRD4 and YAP in GNAQ-mutant uveal melanoma cells confers sensitivity to BET inhibitors. Pharmacological Research. 2022: 106464.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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