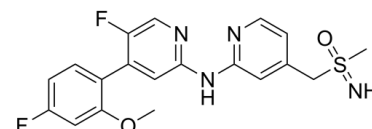


Data Sheet

Product Name:	(±)-Enitociclib
Cat. No.:	CS-0028326
CAS No.:	1610358-53-6
Molecular Formula:	C ₁₉ H ₁₈ F ₂ N ₄ O ₂ S
Molecular Weight:	404.43
Target:	CDK
Pathway:	Cell Cycle/DNA Damage
Solubility:	DMSO : 50 mg/mL (123.63 mM; Need ultrasonic)



BIOLOGICAL ACTIVITY:

(±)-Enitociclib ((±)-BAY-1251152) is a racemic mixture of BAY-1251152. BAY-1251152 is a potent and highly selective **PTEF/CDK9** inhibitor.

References:

[1]. 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

CAIndexNames:

2-Pyridinamine, 5-fluoro-4-(4-fluoro-2-methoxyphenyl)-N-[4-[(S-methylsulfonylmethyl)-2-pyridinyl]-

SMILES:

N=S(CC1=CC(NC2=NC=C(F)C(C3=CC=C(F)C=C3OC)=C2)=NC=C1)(C)=O

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

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