



Product Information

IKK/IkB inhibitor MLN120B, Purity ≥98%

Cat. No.: X23-10-ZQ778

Size: 5 mg; 10 mg; 25 mg; 50 mg; 100 mg

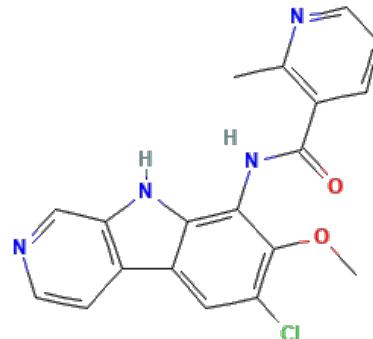
CAS Number: 783348-36-7

Compound CID: 9929127

Synonym: MLN120B; 783348-36-7; MLN-120B; ml120b; ML-120B; *N*

-(6-Chloro-7-methoxy-9*H*-pyrido[3,4-*b*]indol-8-yl)-2-methylnicotinamide; IKK/IkB inhibitor

This product is for research use only and is not intended for diagnostic use.



Product Information

Description	MLN120B modulates IKK-IkB signaling pathway, which plays a key role in inflammation and immune responses. It targets IKK β .
Molecular Weight	366.8
Molecular Formula	C ₁₉ H ₁₅ ClN ₄ O ₂
Targets	IKK β : 60 nM
IUPAC Name	<i>N</i> -(6-Chloro-7-methoxy-9 <i>H</i> -pyrido[3,4- <i>b</i>]indol-8-yl)-2-methylpyridine-3-carboxamide
InChI	InChI=1S/C19H15ClN4O2/c1-10-11(4-3-6-22-10)19(25)24-17-16-13(8-14(20)18(17)26-2)12-5-7-21-9-15(12)23-16/h3-9,23H,1-2H3,(H,24,25)
InChI Key	ZNOLRTPMNMPHY-UHFFFAOYSA-N
Canonical SMILES	CC1=C(C=CC=N1)C(=O)NC2=C3C(=CC(=C2OC)Cl)C4=C(N3)C=NC=C4
Form	Lyophilized powder
Purity	≥98%
Identity	Confirmed by NMR/HPLC/MS.
Stability	The product is stable for three years when stored at the recommended temperature in lyophilized powder.
Applications	MLN120B can be used to study the inhibition of IKK2 and its subsequent effects on inflammatory pathways.
Storage	Store at -20°C.