

Product Information

Notch inhibitor Limantrafin, Purity $\geq 98\%$

Cat. No.: X24-07-ZQ262

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

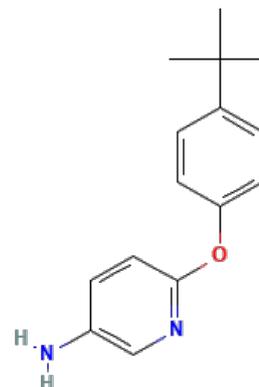
MDL: MFCD00052647

CAS Number: 218457-67-1

Compound CID: 2735289

Synonym: 218457-67-1; Notch inhibitor

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



Product Information

Description	Limantrafin targets the Notch signaling pathway, a fundamental cellular communication system involved in crucial processes such as cell differentiation, proliferation, and apoptosis, often implicated in the development and progression of various cancers.
Molecular Weight	242.32
Molecular Formula	C ₁₅ H ₁₈ N ₂ O
IUPAC Name	6-(4- <i>tert</i> -butylphenoxy)pyridin-3-amine
InChI	InChI=1S/C15H18N2O/c1-15(2,3)11-4-7-13(8-5-11)18-14-9-6-12(16)10-17-14/h4-10H,16H2,1-3H3
InChI Key	WHIWGRCYMQLLAO-UHFFFAOYSA-N
Canonical SMILES	CC(C)(C)C1=CC=C(C=C1)OC2=NC=C(C=C2)N
Form	Lyophilized powder
Purity	$\geq 98\%$
Identity	Confirmed by NMR/HPLC/MS.
Stability	The product is stable for three years when stored at the recommended temperature in lyophilized powder.
Quality Level	Research grade
Applications	Limantrafin is employed to explore the inhibition of Notch signaling, impacting cell fate decisions and embryonic development.
Storage	Store at -20°C, and keep desiccated.