

Product Information

Notch inhibitor tCFA15, Purity \geq 98%

Cat. No.: X24-07-ZQ251

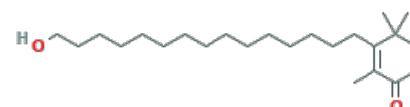
Size: 1 mg; 5 mg; 10 mg; 25 mg

CAS Number: 220757-88-0

Compound CID: 9799188

Synonym: 220757-88-0; Notch inhibitor; tCFA 15; tCFA-15

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



Product Information

Description	tCFA15 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	364.6
Molecular Formula	C ₂₄ H ₄₄ O ₂
IUPAC Name	3-(15-Hydroxypentadecyl)-2,4,4-trimethylcyclohex-2-en-1-one
InChI	InChI=1S/C24H44O2/c1-21-22(24(2,3)19-18-23(21)26)17-15-13-11-9-7-5-4-6-8-10-12-14-16-20-25/h25H,4-20H2,1-3H3
InChI Key	FGMAOXGOTRUOKJ-UHFFFAOYSA-N
Canonical SMILES	CC1=C(C(CCC1=O)(C)C)CCCCCCCCCCCCCO
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	tCFA15 inhibits Notch signaling and is used to investigate the pathway's role in cancer and tissue development.
Storage	Store at -20°C, and keep desiccated.