



Product Information

HMT inhibitor TTK21, Purity $\geq 98\%$

Cat. No.: X24-05-ZQ577

Size: 1 mg; 5 mg; 10 mg; 50 mg

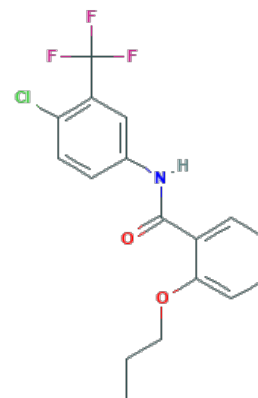
CAS Number: 709676-56-2

Compound CID: 68453302

Synonym: 709676-56-2; TTK21; *N*

-[4-Chloro-3-(trifluoromethyl)phenyl]-2-propoxybenzamide; TTK 21; TTK-21; Histone methyltransferase inhibitor

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



Product Information

Description	TTK21 inhibits enzymes that add acetyl groups to histones, affecting chromatin structure and regulating gene transcription.
Molecular Weight	357.8
Molecular Formula	C ₁₇ H ₁₅ ClF ₃ NO ₂
IUPAC Name	<i>N</i> -[4-chloro-3-(trifluoromethyl)phenyl]-2-propoxybenzamide
InChI	InChI=1S/C17H15ClF3NO2/c1-2-9-24-15-6-4-3-5-12(15)16(23)22-11-7-8-14(18)13(10-11)17(19,20)21/h3-8,10H,2,9H2,1H3,(H,22,23)
InChI Key	AQJBXYBDNZHZRE-UHFFFAOYSA-N
Canonical SMILES	CCCOC1=CC=CC=C1C(=O)NC2=CC(=C(C=C2)Cl)C(F)(F)F
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.
Applications	TTK21 can be used as an inhibitor of CREB-binding protein (CBP) for studying transcriptional regulation.
Storage	Store at -20°C.