

Product Information

Casein kinase inhibitor LH 846, Purity $\geq 98\%$

Cat. No.: X24-07-ZQ206

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

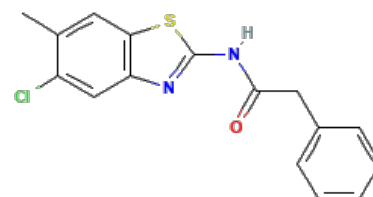
MDL: MFCD03786038

CAS Number: 639052-78-1

Compound CID: 851474

Synonym: 639052-78-1; Casein kinase inhibitor; LH-846; LH846

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



Product Information

Description	LH 846 is a potent compound that inhibits Casein kinase activity. It targets CKI α and CKI δ .
Molecular Weight	316.81
Molecular Formula	C ₁₆ H ₁₃ ClN ₂ OS
Targets	CKI α : 2.5 μ M; CKI δ : 290 nM
IUPAC Name	<i>N</i> -(5-chloro-6-methyl-1,3-benzothiazol-2-yl)-2-phenylacetamide
InChI	InChI=1S/C16H13ClN2OS/c1-10-7-14-13(9-12(10)17)18-16(21-14)19-15(20)8-11-5-3-2-4-6-11/h2-7,9H,8H2,1H3,(H,18,19,20)
InChI Key	DYHAMRNAHTWYKY-UHFFFAOYSA-N
Canonical SMILES	CC1=CC2=C(C=C1Cl)N=C(S2)NC(=O)CC3=CC=CC=C3
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	LH 846 is a Casein kinase inhibitor used to study its effects on cell cycle regulation and cancer.
Storage	Store at -20°C, and keep desiccated.