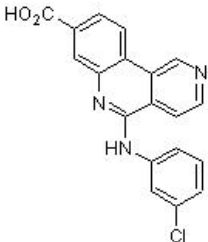


Product datasheet

CX-4945 (Silmitasertib), ATP-competitive CK2 protein kinase inhibitor ab141350

Overview

Product name	CX-4945 (Silmitasertib), ATP-competitive CK2 protein kinase inhibitor
Description	Potent, selective ATP-competitive CK2 protein kinase inhibitor
Biological description	Potent, selective ATP-competitive CK2 protein kinase inhibitor (IC ₅₀ = 1 nM, CK2α). Shows broad spectrum antiproliferative effects. Inhibits human umbilical vein endothelial cell migration, tube formation and HIF-1α in cancer cells. Shows antitumor effects <i>in vivo</i> . Orally active.
Purity	> 95%
CAS Number	1009820-21-6
Chemical structure	

Properties

Chemical name	5-(3-Chloroanilino)benzo[c][2,6]naphthyridine-8-carboxylic acid
Molecular weight	349.77
Molecular formula	C ₁₉ H ₁₂ ClN ₃ O ₂
PubChem identifier	24748573
Storage instructions	Store at +4°C.
Handling	Need more advice on solubility, usage and handling? Please visit our frequently asked questions (FAQ) page for more details.
SMILES	<chem>c1cc(cc(c1)Cl)Nc2c3ccncc3c4ccc(cc4n2)C(=O)O</chem>
Source	Synthetic

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES, NOT FOR USE IN HUMANS"

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