

Product datasheet

CRT0066101 (mM/ml), protein kinase D inhibitor ab146740

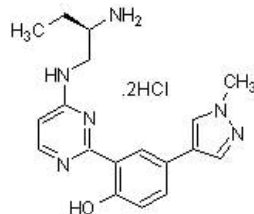
Overview

Product name	CRT0066101 (mM/ml), protein kinase D inhibitor
Description	Potent and selective protein kinase D inhibitor. 1 ml water soluble pack.
Biological description	Potent and selective protein kinase D inhibitor (IC ₅₀ values are 1, 2 and 2.5 nM at PKD1, PKD3 and PKD2, respectively). Reduces proliferation of pancreatic cancer cells. Orally active. Antitumor agent. Active <i>in vivo</i> and <i>in vitro</i> .
	Soluble in 1 ml water to give specified mM/ml concentration. Find out more.

Purity > 99%

CAS Number 1883545-60-5

Chemical structure



Properties

Chemical name	2-[4-[[[(2R)-2-aminobutyl]amino]pyrimidin-2-yl]-4-(1-methylpyrazol-4-yl)phenol];dihydrochloride
Molecular weight	411.30
Molecular formula	C ₁₈ H ₂₄ Cl ₂ N ₆ O
PubChem identifier	136664697
Storage instructions	Store at -20°C. Store under desiccating conditions. The product can be stored for up to 12 months.
Solubility overview	Soluble in 1ml of water to give specified mM/ml concentration
Handling	Wherever possible, you should prepare and use solutions on the same day. However, if you need to make up stock solutions in advance, we recommend that you store the solution as aliquots in tightly sealed vials at -20°C. Generally, these will be useable for up to one month. Before use, and prior to opening the vial we recommend that you allow your product to equilibrate to room temperature for at least 1 hour.

Need more advice on solubility, usage and handling? Please visit our [frequently asked questions \(FAQ\) page](#) for more details.

SMILES

CCC(CNC1=NC(=NC=C1)C2=C(C=CC(=C2)C3=CN(N=C3)C)O)N.Cl.Cl

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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