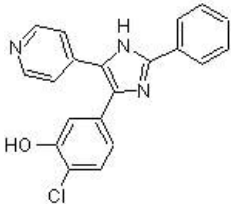


Product datasheet

L779450, Raf kinase inhibitor ab120837

1 References

Overview

Product name	L779450, Raf kinase inhibitor
Description	Potent Raf kinase inhibitor
Biological description	Potent Raf kinase inhibitor (IC ₅₀ = 10 nM). Inhibits Raf-1 activation. Competes for ATP at the protein kinase catalytic site. Suppresses DNA synthesis and induces apoptosis. Additionally inhibits p38.
Purity	> 98%
CAS Number	303727-31-3
Chemical structure	

Properties

Chemical name	2-Chloro-5-[2-phenyl-4-(4-pyridinyl)-1 <i>H</i> -imidazol-5-yl]phenol
Molecular weight	347.80
Molecular formula	C ₂₀ H ₁₄ ClN ₃ O
PubChem identifier	9950176
Storage instructions	Store at +4°C. The product can be stored for up to 12 months.
Solubility overview	Soluble in DMSO to 100 mM and in ethanol to 10 mM
Handling	<p>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.</p> <p>Need more advice on solubility, usage and handling? Please visit our frequently asked questions (FAQ) page for more details.</p>
SMILES	<chem>Clc1ccc(cc1O)c2nc(nc2c3ccncc3)c4cccc4</chem>

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

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