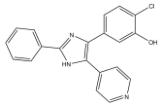
PRODUCT: L-779450

ALTERNATE NAMES: L779450; L 779450; 2-chloro-5-(2-phenyl-5-(pyridin-4-yl)-1H-imidazol-4-yl)phenol

CATALOG#: B1709-5, -25

AMOUNT: 5 mg, 25 mg

STRUCTURE:



MOLECULAR FORMULA: $C_{20}H_{14}ClN_3O$

MOLECULAR WEIGHT: 347.8

CAS NUMBER: 303727-31-3

APPEARANCE: Solid powder

SOLUBILITY: DMSO

PURITY: >98%

STORAGE: Dry, dark and at 4℃ for short term (days to weeks) or at -20℃ for long term. Protect from air and light.

DESCRIPTION: L-779450 is a potent, ATP-competitive Raf kinase inhibitor (IC50 =10 nM) that displays > 7, > 30 and > 70-fold selectivity over p38α, GSK3β and Lck respectively.

HANDLING: Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.

REFERENCES:

1. King A J et al. Demonstration of a genetic therapeutic index for tumors expressing oncogenic BRAF by the kinase inhibitor SB-590885. Cancer research, 2006, 66(23): 11100-11105.

RELATED PRODUCTS:

- B-Raf Inhibitor 1 (Cat# 2599)
- CEP-32496 (Cat# 9615)
- DP-4978 (Cat# B1288)
- GSK-2118436 mesylate (Cat# 2800)
- PLX-7904 (Cat# B1249)
- PLX-4720 (Cat# 2813)
- Regorafenib (Cat# 2891)
- TAK-632 (Cat# 2473)

USAGE: ***FOR RESEARCH USE ONLY! Not to be used in humans***

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