

PRODUCT: SB-590885

ALTERNATE NAMES: SB590885; SB 590885; (E)-5-(2-(4-(2-(dimethylamino)ethoxy)phenyl)-5-(pyridin-4-yl)-1H-imidazol-4-yl)-2,3-dihydro-1H-inden-1-one oxime; N,N-dimethyl-2-[4-[(4Z)-4-(1-nitroso-2,3-dihydroinden-5-ylidene)-5-(1H-pyridin-4-ylidene)-1H-imidazol-2-yl]phenoxy]ethanamine

CATALOG#: B1708-5, -25

AMOUNT: 5 mg, 25 mg



MOLECULAR FORMULA: C₂₇H₂₇N₅O₂

MOLECULAR WEIGHT: 453.54

CAS NUMBER: 40554-55-4

APPEARANCE: Solid powder

SOLUBILITY: DMSO

PURITY: >98%

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

DESCRIPTION: SB590885 is a potent B-Raf inhibitor with K_i of 0.16 nM, 11-fold greater selectivity for B-Raf over c-Raf, no inhibition to other human kinases.

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*