

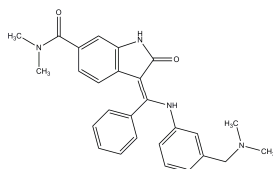
Product: BIX02189

ALTERNATE NAME: (Z)-3-(((3-((dimethylamino)methyl)phenyl)amino)(phenyl)methylene)-N,N-dimethyl-2-oxoindoline-6-carboxamide

CATALOG #: 2670-1, 5

AMOUNT: 1 mg, 5 mg

STRUCTURE:



MOLECULAR FORMULA: C₂₇H₂₈N₄O₂

MOLECULAR WEIGHT: 440.54

CAS NUMBER: 1094614-85-3; 1265916-41-3

APPEARANCE: Crystalline solid

SOLUBILITY: DMSO (>50 mg/ml)

PURITY: ≥98% by HPLC

STORAGE: Store at -20 °C. Protect from air and light

DESCRIPTION: BIX02189 is a potent MEK5 inhibitor (IC₅₀ = 1.5 nM). Also inhibits ERK5 catalytic activity (IC₅₀ = 59 nM). Does not inhibit closely related kinases MEK1, MEK2, ERK2 and JNK2.

REFERENCE: Tatake, R.J., *et al.* (2008). *Biochem. Biophys. Res. Commun.* **377**, 120-125.

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

RELATED PRODUCTS:

Alsterpaullone (Cat. No. 1897-1,5)
 AZD-6244 (Cat. No. 2234-5, 25)
 Butyrolactone I (Cat. No. 1690-200)
 Doramapimod (Cat. No. 1954-5, 25)
 Flavopiridol (Cat. No. 2090-1, 5)
 10Z-Hymenialdisine (Cat. No. 2212-250, 1000)
 Kenpaullone (Cat. No. 1904-1)
 MEK-162 (Cat. No. 2254-5, 25)
 PD1834352 (CI-1040) (Cat. No. 1585-1,5,25)
 EZSolution™ PD184352 (Cat. No. 1871-1)
 PD325901 (Cat. No. 1643-2, 5, 25)
 PD98059 (Cat. No. 1666-5)
 EZSolution™ PD98059 (Cat. No. 1783-5)
 RO-3306 (Cat. No. 2039-1,5)
 Roscovitine (Cat. No. 1950-1,5)
 SB 203580 (Cat. No. 1712-1, 5)
 EZSolution™ SB203580 (1786-1)
 SB202190 (Cat. No. 2493-5, 25)
 Sorafenib (Cat. No. 1594-25, 100)
 TAK733 (Cat. No. 2460-5, 25)
 TG003 (Cat. No. 1905-5, 25)
 7, 3', 4'-Trihydroxyisoflavone (1886-25, 100)
 U0126 (Cat. No. 1668-5)
 VX-702 (Cat. No. 1598-1,5)

FOR RESEARCH USE ONLY! Not to be used on humans.