

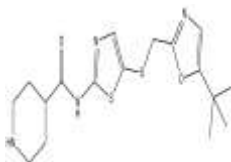
PRODUCT: SNS-032

ALTERNATE NAME: N-[5-[[[5-(1,1-Dimethylethyl)-2-oxazolyl]methyl]thio]-2-thiazolyl]-4-piperidinecarboxamide; BMS-387032

CATALOG #: 9490-5, 25

AMOUNT: 5 mg, 25 mg

STRUCTURE:



MOLECULAR FORMULA: C₁₇H₂₄N₄O₂S₂

MOLECULAR WEIGHT: 380.53

CAS NUMBER: 345627-80-7

APPEARANCE: White solid

SOLUBILITY: DMSO (>15 mg/ml)

PURITY: ≥98% by HPLC

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

DESCRIPTION: SNS-032 is a potent CDK inhibitor. Inhibits cyclin-dependent kinases (cdks) 9, 2 and 7 with IC₅₀ values of 4, 38 and 62 nM respectively. Displays no activity against 190 additional kinases (IC₅₀ >1000 nM). Prevents tumor cell-induced VEGF secretion and *in vitro* angiogenesis.

REFERENCES: Misra, R.N., *et al.* (2004). *J. Med. Chem.* **47**, 1719-1728.

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**)
 AT-7519 hydrochloride (**Cat. No. 2816-5, 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**)
 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**)
 PD-0332991 (**Cat. No. 2843-5,25**)
 PD-0332991 Isethionate (**Cat. No. 9480-5,25**)
 EZSolution™ PD98059 (**Cat. No. 1783-5**)
 (R)-Perharidine-1 (**Cat. No. 2615-1,5**)
 RO-3306 (**Cat. No. 2039-1,5**)
 Roscovitine (**Cat. No. 1950-1,5**)
 SB 203580 (**Cat. No. 1712-1, 5**)
 EZSolution™ SB203580 (**1786-1**)
 Sorafenib (**Cat. No. 1594-25, 100**)
 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**)

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