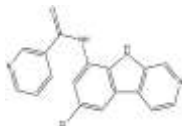


PRODUCT: PS-1145**ALTERNATE NAME:** N-(6-chloro-9H-pyrido[3,4-b]indol-8-yl)nicotinamide**CATALOG #:** 9671-5, 25**AMOUNT:** 5 mg, 25 mg**STRUCTURE:****MOLECULAR FORMULA:** C₁₇H₁₁ClN₄O**MOLECULAR WEIGHT:** 322.75**CAS NUMBER:** 431898-65-6**APPEARANCE:** Yellow solid**SOLUBILITY:** DMSO (>5 mg/ml)**PURITY:** ≥98% by HPLC**STORAGE:** Store at -20°C. Protect from air and light

DESCRIPTION: PS-1145 is a potent and selective IκB kinase (IKK) inhibitor (IC₅₀ = 100 nM). Has no effect on PKA, PKC and CKII activity. PS-1145 efficiently inhibits both basal and induced NF-κB activity in PC cells. Enhances TNF-α-induced apoptosis in a multiple myeloma cell line.

REFERENCES: Castro, A.C., *et al.* (2003). *Bioorg. Med. Chem. Lett.* **13**, 2419-2422.

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

RELATED PRODUCTS:

Andrographolide (Cat. No. 2389-50, 250)
 BAY 11-7082 (Cat. No. 1867-10, 50)
 Celastrol (Cat. No. 1940-5, 25)
 Dimethyl fumarate (Cat. No. 9660-100, 500)
 Honokiol (Cat. No. 1762-10, 50)
 ML130 (Cat. No. 1974-5, 25)
 NSC 146109 hydrochloride (Cat. No. 1907-5)
 Nutlin-3 (Cat. No. 1842-1, 5)
 Parthenolide (Cat. No. 1868-10,50)
 PDTIC (Cat. No. 1676-100)
 Rocaglamide (Cat. No. 1863-100)
 SC-514 (Cat. No. 2442-5, 25)
 Sauchinone (Cat. No. 2312-1, 5)
 TPCA-1 (Cat. No. 2431-5, 25)
 Triptolide (Cat. No. 1761-1,5)

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