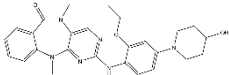


PRODUCT: XMD8-92

ALTERNATE NAMES:	XMD 8 92; XMD 892; XMD8-92; XMD8 92; XMD892; 2-[2-ethoxy-4-(4-hydroxypiperidin-1-yl)anilino]-5,11-dimethylpyrimido[4,5-b][1,4]benzodiazepin-6-one
CATALOG#:	B1684-5, -25
AMOUNT:	5 mg, 25 mg
STRUCTURE:	
MOLECULAR FORMULA:	C ₂₆ H ₃₀ N ₆ O ₃
MOLECULAR WEIGHT:	474.55
CAS NUMBER:	1234480-50-2
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:	XMD8-92 is a highly selective ERK5/BMK1 inhibitor with dissociation constant (K _d) value of 80 nM.
HANDLING:	Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.
REFERENCES:	1. Yang Q et al. Pharmacological inhibition of BMK1 suppresses tumor growth through promyelocytic leukemia protein. <i>Cancer Cell</i> . 2010 Sep 14;18(3):258-67. 2. Yang Q, et al. Targeting the BMK1 MAP kinase pathway in cancer therapy. <i>Clin Cancer Res</i> . 2011 Jun 1;17(11):3527-32.

RELATED PRODUCTS:

- PD184352 (Cat. No. 1585-1, 5, 25)
- EZSolution™ PD184352 (Cat. No. 1871-1)
- PD 98059 (Cat. No. 1666-5)
- EZSolution™ PD 98059 (Cat. No. 1783-5)
- SB 203580 (Cat. No. 1712-1, 5)
- EZSolution™ SB-203580 (Cat. No. 1786-1)
- U0126 (Cat. No. 1668-5)
- Sorafenib (Cat. No. 1594-25, 100)
- VX-702 (Cat. No. 1598-1, 5)

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