

Product Name : VER-50589

Synonyms : VER50589; VER 50589; VER-50589

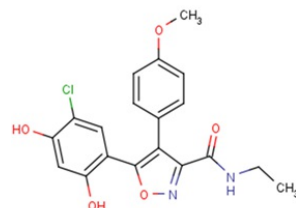
Cat No. : M19067

CAS Number : 747413-08-7

Molecular Formula : C₁₉H₁₇ClN₂O₅

Formula Weight : 388.8

Chemical Name : 5-(5-chloro-2,4-dihydroxyphenyl)-N-ethyl-4-(4-methoxyphenyl)isoxazole-3-carboxamide



Description : VER-50589 is a potent Hsp90 inhibitor. VER-50589 inhibits Hsp90 with an IC₅₀ value of 21 nM. It produces a mean cellular antiproliferative GI₅₀ value of 78 nM when tested against a human cancer cell line panel. VER-50589 shows favorable pharmacokinetics and impairs tumor growth in animals.

Pathway : Apoptosis

Target : NF-κB

Receptor : HSP90β

Solubility : DMSO : ≥ 48 mg/mL; 123.46 mM

SMILES : c1(cc(c(cc1O)O)c1c(c2ccc(cc2)OC)c(no1)C(=O)NCC)Cl

Storage : (-20°C)

Stability : ≥ 2 years

Reference :

1. Sharp SY, et al. Mol Y Ther. 2007, 6(4), 1198-1211.