

产品名称 : VGX-1027

同义词 : VGX-1027

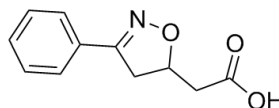
产品货号 : M15470

CAS Number : 6501-72-0

分子式 : C₁₁H₁₁NO₃

分子量 : 205.21

化学全名 : 2-(3-phenyl-4,5-dihydroisoxazol-5-yl)acetic acid



产品描述 : VGX-1027(GIT27) is an isoxazole compound that exhibits various immunomodulatory properties; reduce the secretion of IL-1beta, TNF-alpha and IL-10 from purified murine macrophages.(In Vitro):VGX-1027 (37.5, 75, 150, 300 μM; for 24 h) does not affect the viability of tumor cells, including the three malignant rodent cell lines (mouse fibrosarcoma L929, rat astrocytoma C6, and mouse melanoma B16) and the four human cell lines (adenocarcinoma HeLa, breast carcinoma BT20, colon carcinoma LS174, and glioblastoma U251).(In Vivo):VGX-1027 (10, 20 mg/kg of i.p. for 12 day or 100 mg/kg of p.o. for 11 day) successfully counteracts the development of destructive insulinitis and hyperglycemia.VGX-1027 (25?mg/kg; ip; single dose) counteracts the uveitis-inducing effect of LPS in eight-week-old male Lewis rats (180-220?g).

通路 : Apoptosis

靶点 : IL Receptor

受体 : IL-10| IL-1β| TNF-α

溶解度 : Ethanol: 41 mg/mL (199.79 mM); DMSO: 41 mg/mL (199.79 mM)

SMILES : O=C(O)CC1CC(C2=CC=CC=C2)=NO1

存储条件 : (-20℃)

稳定性 : ≥ 2 years

参考文献 :

1.Stosic-Grujicic S, et al. J Pharmacol Exp Ther. 2007, 320(3), 1038-1049.

仅限科学研究使用，不得用于人体。