

GENZ-882706

Catalog No: tcsc0021628



Available Sizes

Size: 5mg

Size: 10mg

Size: 25mg

Size: 50mg



Specifications

CAS No:

2070864-35-4

Formula:

$C_{26}H_{25}N_5O_3$

Pathway:

Others

Target:

Others

Purity / Grade:

>98%

Solubility:

10 mM in DMSO

Alternative Names:

RA03546849

Observed Molecular Weight:

455.51

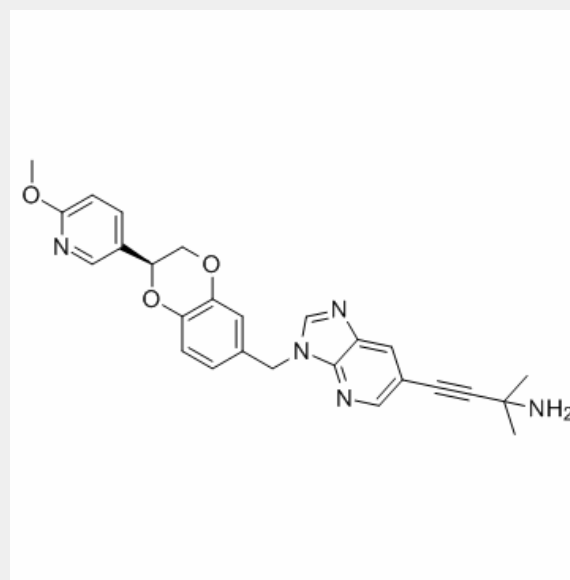
Product Description

GENZ-882706 is a potent colony stimulating factor-1 receptor (**CSF-1R**) Inhibitor extracted from patent WO 2017015267A1.

IC50 & Target: Target: CSF-1R^[1]

In Vitro: Genz-882706 induces an increased level of proliferative activity on unstimulated cells 48 hours post treatment and the reason for this effect is unclear^[1].

In Vivo: Daily treatment with Genz-882706 significantly reduces experimental autoimmune encephalomyelitis. Treatment with Genz-882706 in experimental autoimmune encephalomyelitis (EAE) mice results in significant decreases in MCP-1, IL-6, IL-1 β and IP-10 levels in spinal cord homogenates when compared to Vehicle treated animals. Treatment with Genz-882706 shows a significant increase in TNF- α levels in the spinal cord when compared to the vehicle treated group. Genz-882706 at both the 30 mg/kg and the 100 mg/kg dose significantly reduces the number of microglia and monocytes/macrophages in the brain and spinal cord compared to the vehicle and LPS controls. Treatment with Genz-882706 modestly reduces CD80 expression on monocytes/macrophages in the brain^[1].



All products are for RESEARCH USE ONLY. Not for diagnostic & therapeutic purposes!