

TH-237A

Catalog No: tcsc3209



Available Sizes

Size: 5mg

Size: 10mg

Size: 50mg

Size: 100mg



Specifications

CAS No:

935467-97-3

Formula:

$C_{18}H_{17}F_2NO_3$

Pathway:

Others

Target:

Others

Purity / Grade:

>98%

Solubility:

DMSO : \geq 46 mg/mL (138.00 mM)

Alternative Names:

meso-GS 164

Observed Molecular Weight:

333.33

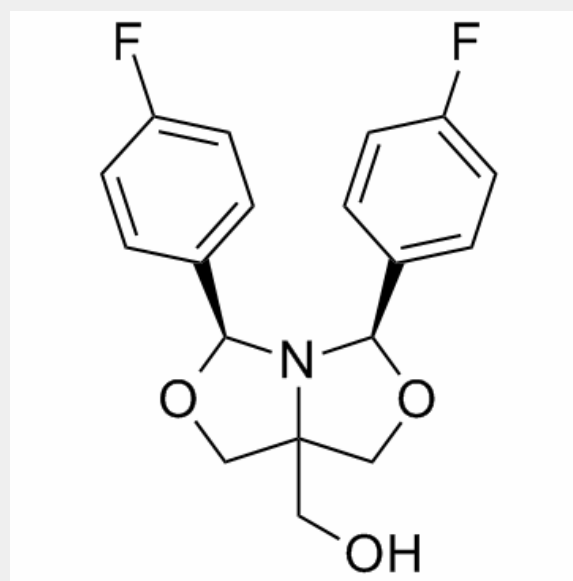
Product Description

TH-237A(meso-GS 164) is a novel neuroprotective agent exhibiting favorable permeation across the blood brain barrier.

IC50 value: 5 nM (EC50, concentration that leads to a 50% increase in neuronal survival in the presence of the A β peptides)

Target:

Primary neurons were isolated from embryonic Sprague-Dawley rats, grown in culture (Michaelis et al., 1994) and exposed to either A β 25-35 or A β 1-42 in the presence or absence of TH-237A at concentrations ranging from 0.5 to 60 nM. The neurons were treated with TH-237A for 2 hours prior to exposure to the A β peptides. Changes in neuronal survival following treatment with TH 237A were evaluated using the Live/Dead assay. The EC50 for TH-237A was 5 nM, demonstrating that it had excellent neuroprotective properties.



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