



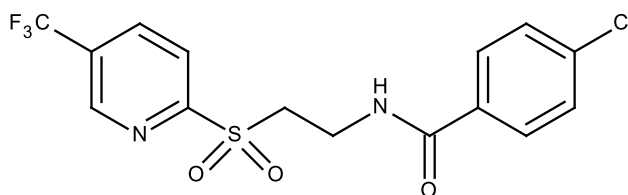
Catalog # 10-1001

GSK-3787

CAS# 188591-46-0

4-Chloro-N-(2-([5-(trifluoromethyl)-2-pyridyl]sulfonyl)ethyl)benzamide

Lot # X101135



GSK-3787 (188591-46-0) is a selective and irreversible antagonist of the peroxisome proliferator-activated receptor δ (PPAR δ) – $\text{pIC}_{50} = 6.6$. It covalently binds to Cys 249 in the PPAR δ binding site.

- 1) Shearer *et al.*, (2010) *Identification and characterization of 4-chloro-N-(2-([5-trifluoromethyl]-2-pyridyl]sulfonyl)ethyl)benzamide (GSK3787), a selective and irreversible peroxisome proliferator-activated receptor delta (PPARdelta) antagonist* J. Med. Chem. **53** 1857
- 2) Palkar *et al* (2010) *Cellular and pharmacological selectivity of the peroxisome proliferator-activated receptor- β/δ antagonist GSK3787* Mol.Pharmacol. **78** 419

PHYSICAL DATA

Molecular Weight: 392.78
Molecular Formula: $\text{C}_{15}\text{H}_{12}\text{ClF}_3\text{N}_2\text{O}_3\text{S}$
Purity: 98% by TLC
NMR: (Conforms)
Solubility: DMSO (up to 30 mg/ml)
Physical Description: White solid
Storage and Stability: Store as supplied at -20°C for up to 1 year from the date of purchase. Solutions in DMSO may be stored at -20°C for up to 3 months.

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