
Product Data Sheet

Product Name: FR-190809

Cat. No.: GC31551

Chemical Properties

Cas. No. 215589-63-2

SMILES O=C(NC1=C(S(=O)(C)=O)C=C(C)N=C1S(=O)(C)=O)N(C2CCCCC2)CC3=CC=C(OC4=CC=C(F)C=C4)C=C3Formula C₂₉H₃₄FN₃O₆S₂ M.Wt 603.73

Solubility Soluble in DMSO Storage Store at -20°C

General tips For obtaining a higher solubility , please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution : ship with blue ice All other available size: ship with RT , or blue ice upon request.

Structure **Background**

FR-190809 is a potent, nonadrenotoxic, orally efficacious acyl-CoA:cholesterol O-acyltransferase (ACAT) inhibitor, with an IC₅₀ of 45 nM[1].

FR-190809 inhibits foam cell formation with an IC₅₀ of 215 nM[1].

[1]. Tanaka A, et al. Inhibitors of acyl-CoA:cholesterol O-acyltransferase. 3. Discovery of a novel series of N-alkyl-N-[(fluorophenoxy)benzyl]-N'-arylureas with weak toxicological effects on adrenal glands. J Med Chem. 1998 Oct 22;41(22):4408-20.

Caution: Product has not been fully validated for medical applications. For research use only.

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

Address: 10292 Central Ave. #205, Montclair, CA, USA