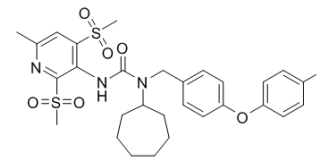


FR-190809

Cat. No.:	HY-122078
CAS No.:	215589-63-2
Molecular Formula:	C ₂₉ H ₃₄ FN ₃ O ₆ S ₂
Molecular Weight:	603.73
Target:	Acyltransferase
Pathway:	Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the COA.



BIOLOGICAL ACTIVITY

Description	FR-190809 is a potent, nonadrenotoxic, orally efficacious acyl-CoA:cholesterol O-acyltransferase (ACAT) inhibitor, with an IC ₅₀ of 45 nM ^[1] .
IC ₅₀ & Target	IC ₅₀ : (ACAT) ^[1]
In Vitro	FR-190809 inhibits foam cell formation with an IC ₅₀ of 215 nM ^[1] .

REFERENCES

[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.

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