

Product Datasheet

PF-04620110

Catalog No. **BP-01635** · CAS **1109276-89-2** · Form **free base** · Physical state **solid** · Color **white to off-white** · Version **1.0** · Revision **2026-09-11**

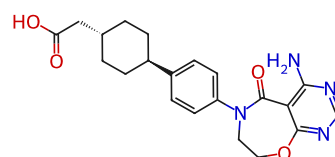
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Target Acyltransferase	Research area Metabolic Disease
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Molecular formula **C₂₁H₂₄N₄O₄**

Molecular weight **396.4397**

STRUCTURE



DESCRIPTION

PF-04620110 is a potent, selective and orally bioavailable diglyceride acyltransferase-1 (DGAT-1) inhibitor with an IC₅₀ of 19 nM .

BIOLOGICAL ACTIVITY

PF-04620110 is an orally active, selective and potent diglyceride acyltransferase-1 (DGAT1) inhibitor with IC₅₀ of 19 nM.

SOLUBILITY

Soluble in DMSO

In vitro DMSO : 12.5 mg/mL

REFERENCES

[1]. Dow RL, et al. Design and synthesis of potent, orally-active DGAT-1 inhibitors containing a dioxino[2,3-d]pyrimidine core. Bioorg Med Chem Lett. 2011 Oct 15;21(20):6122-5.

[2]. Dow RL, et al. Discovery of PF-04620110, a Potent, Selective, and Orally Bioavailable Inhibitor of DGAT-1. ACS Med Chem Lett. 2011 Mar 18;2(5):407-12.

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