

Product Data Sheet

Product Name: KRP 297

Cat. No.: GC48521

Chemical Properties

Cas. No. 213252-19-8

SMILES COC(C(C(NCC1=CC=C(C(F)(F)F)C=C1)=O)=C2)=CC=C2CC3C(NC(S3)=O)=O

Formula C₂₀H₁₇F₃N₂O₄S

M.Wt 438.4

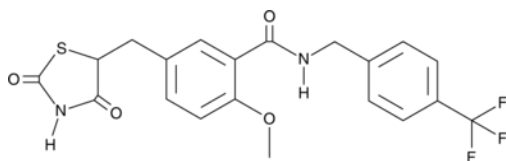
Solubility DMSO: 10 mg/ml

Storage -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

KRP 927 is a thiazolidinedione dual agonist of PPAR α and PPAR γ (EC₅₀s = 149 and 83 nM, respectively, in transactivation assays).¹ It decreases hyperglycemia and hyperinsulinemia in *ob/ob* mice in a dose-dependent manner. KRP 927 (10 or 30 mg/kg) reduces serum total cholesterol and triglyceride levels in hamsters.

1. Doebber, T.W., Kelly, L.J., Zhou, G., et al. MK-0767, a novel dual PPAR α/γ agonist, displays robust antihyperglycemic and hypolipidemic activities. *Biochem. Biophys. Res. Commun.* 318(2):323-328(2004)

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

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