

Product Data Sheet

Product Name: KPLH1130

Cat. No.: GC36396

Chemical Properties

Cas. No. 906669-07-6

SMILES OC1=CC=C(C2=NNC(N2C3=CC=C(C)C=C3)=O)C(O)=C1

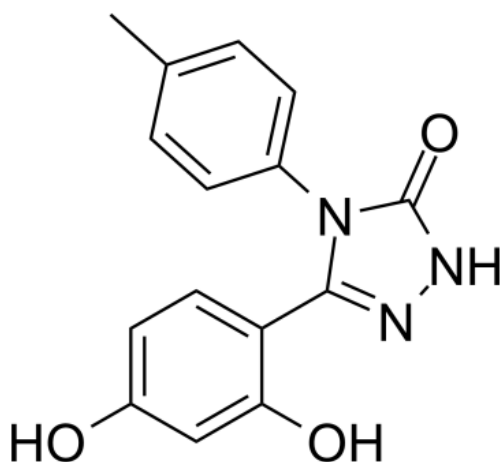
Formula $C_{15}H_{13}N_3O_3$ M.Wt 283.28

Solubility DMSO: 135 mg/mL (476.56 mM) 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

KPLH1130 is a specific pyruvate dehydrogenase kinase (PDK) inhibitor, blocks macrophage polarization and attenuates proinflammatory responses. KPLH1130 improves glucose tolerance in HFD-fed mice[1]. PDK[1]

[1]. Min BK, et al. Pyruvate Dehydrogenase Kinase Is a Metabolic Checkpoint for Polarization of Macrophages to the M1 Phenotype. Front Immunol. 2019 May 7;10:944.

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

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