

Product Data Sheet

Product Name: TPO agonist 1

Cat. No.: GC32450

Chemical Properties

Cas. No. 1033040-23-1

SMILES O=C(N(C1=CC=C(C)C(C)=C1)N=C/C2=CN\NC3=C(O)C(C4=CC=CC(C5=NN=NN5)=C4)=CC=C3

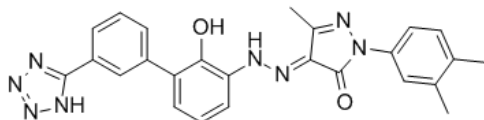
Formula $C_{25}H_{22}N_8O_2$ M.Wt 466.49

Solubility DMSO : ≥ 36 mg/mL (77.17 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

TPO agonist 1 can increase production of platelets by stimulating the TPO receptor in people with chronic ITP. (Idiopathic Thrombocytopenic Purpura) target: TPO receptor agonist1、TPO receptor agonists can be also used in Bone marrow fibrosis2、TPO receptor agonists can decrease bleeding events and reduced need for adjunctive or rescue treatments.

[1]. Zeng Y et al. TPO receptor agonist for chronic idiopathic thrombocytopenic purpura. Cochrane

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

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Database Syst Rev. 2011 Jul 6;(7):CD008235. [2]. Siegal D et al. Thrombopoietin receptor agonists in primary immune thrombocytopenia. et al. Semin Hematol. 2013 Jan;50 Suppl 1:S18-21

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