

Tpl2 Kinase Inhibitor (hydrochloride) Biochemical

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CATALOG #
AAA227037

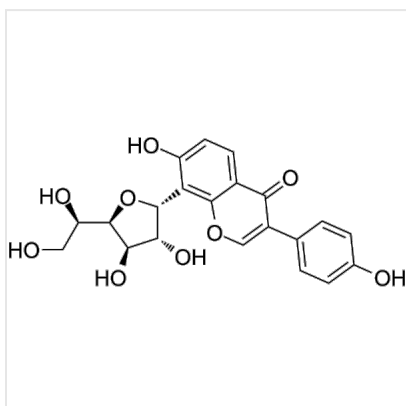
PRODUCT SYNONYMS

Tpl2 Kinase Inhibitor (hydrochloride); Tpl2 Kinase Inhibitor (hydrochloride) biochemical

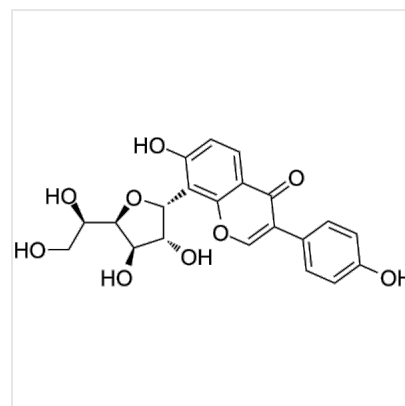
PRODUCT SPECIFICATIONS

Purity/Purification	98%
Solubility	DMF: Slightly soluble DMSO: Slightly soluble <1mg/ml refers to the product slightly soluble or insoluble
Preparation and Storage	Powder: -20 degree C for 3 years In solvent: -80 degree C for 2 years

IMAGES



Structure
Neopuerarin A, CAS 1150314-34-3



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ADDITIONAL INFORMATION

Related Product Information for Tpl2 Kinase Inhibitor (hydrochloride) biochemical	Tpl2 kinase inhibitor is an inhibitor of tumor progression locus 2 (Tpl2; IC50= 0.05 uM).1It is selective for Tpl2 over MEK, p38 MAPK, Src, MK2, and PKC (IC50s = 40, 180, 400, 110, and 400 uM, respectively). Tpl2 kinase inhibitor inhibits LPS-induced TNF-alpha production in isolated human monocytes and whole blood (IC50s = 0.7 and 8.5 uM, respectively). It enhances differentiation induced by calcitriol in HL-60 and U937 leukemia cells when used at a concentration of 5 uM.2Tpl2 kinase inhibitor (5 uM) inhibits the proliferation of KG-1a leukemia cells.3
References	1. Yingjie Sun, et al. New hepatoprotective isoflavone glucosides from Pueraria lobata (Willd.) Ohwi. Nat Prod Res. 2019 Dec;33(24):3485-3492.

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.