

Product Data Sheet

Product Name: ER 819762

Cat. No.: GC50722

Chemical Properties

Cas. No. 1155773-15-1

SMILES CCN1C(N2CC3=CC(OC)=CC(OC)=C3[C@H](C=C2C14CCN(CC4)CC5=CC(C)=CC(C)=C5)C)=O

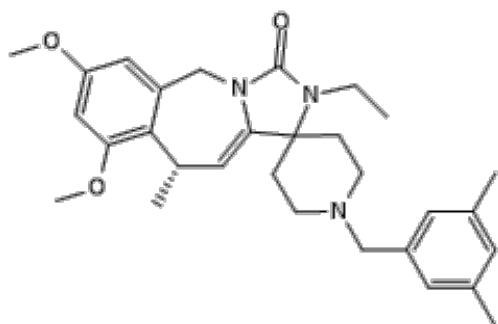
Formula C₃₀H₃₉N₃O₃ M.Wt 489.65

Solubility ethanol|2.45|5withgentlewarming|DM Storage Store at -20°C
SO|0.98|2withgentlewarming|

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

Potent EP4 receptor antagonist (IC₅₀ = 59 nM). Suppresses EP4-mediated Th1 differentiation, Th17 cell expansion, and IL-23 secretion by activated dendritic cells. Inhibits Th1 and Th17 cytokine production, suppresses collagen- and GPI-induced arthritis in mice. Attenuates CFA-induced inflammatory pain in rats. Analgesic. Orally bioavailable.

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

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