

Product Data Sheet

Product Name: HPI 1
Cat. No.: GC11045

Chemical Properties

Cas. No. 599150-20-6

Chemical Name 2-methoxyethyl 4-(3-hydroxyphenyl)-7-(2-methoxyphenyl)-2-methyl-5-oxo-4,6,7,8-tetrahydro-1H-quinoline-3-carboxylate

SMILES CC1=C(C(C2=C(N1)CC(CC2=O)C3=CC=CC=C3OC)C4=CC(=CC=C4)O)C(=O)OCCOC

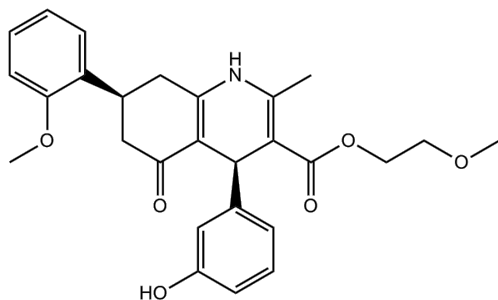
Formula $C_{27}H_{29}NO_6$ M.Wt 463.52

Solubility DMSO : 62.5 mg/mL (325.11 mM; Need ultrasonic) 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

Hedgehog (Hh) signaling inhibitor. Inhibits Sonic hedgehog (Shh)-, SAG- and Gli-induced Hh pathway activation in Shh-LIGHT2 cells (IC₅₀ values are 1.5, 1.5, 4 and 6 μM for Shh-, SAG-, Gli2- and Gli1-induced activation). Also inhibits Hh pathway activation

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

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