

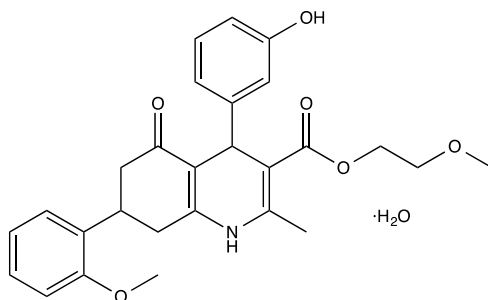


## Catalog # 10-4522

### HPI-1

CAS# 599150-20-6(anhydrous)

2-Methoxyethyl 1,4,5,6,7,8-hexahydro-4-(3-hydroxyphenyl)-7-(2-methoxyphenyl)-2-methyl-5-oxo-3-quinolinecarboxylate  
Lot # FBA4160



HPI-1 is a Hedgehog pathway inhibitor acting downstream of Smo and independently of PKA, PI3K and MAPK. It can suppress Hh pathway activation induced by loss of Su(fu) or Gli overexpression. Inhibits both endogenous and exogenous Gli1/Gli2 activity. IC<sub>50</sub>'s range from 0.2 to 6  $\mu$ M for various cell-based assays.

- 1) Hyman et al. (2009) *Small-molecule inhibitors reveal multiple strategies for Hedgehog pathway blockade. Proc.Natl.Acad.Sci.USA* **106** 14132

### PHYSICAL DATA

Molecular Weight:	463.52 (anhydrous)
Molecular Formula:	C <sub>27</sub> H <sub>29</sub> NO <sub>6</sub> ·xH <sub>2</sub> O
Purity:	>98% (TLC: 80% Ethyl acetate/hexanes; R <sub>f</sub> = 0.37)
Solubility:	DMSO (at least 25 mg/ml) or ethanol (at least 25 mg/ml)
Physical Description:	Yellow solid
Storage and Stability:	Store as supplied at -20°C for up to one year from the date of purchase. Solutions in DMSO or ethanol may be stored at -20°C for up to 3 months

Materials provided by Focus Biomolecules are for laboratory research use only and are not intended for human or veterinary applications.