
Product Data Sheet

Product Name: IHR-Cy3
 Cat. No.: GC50203

Chemical Properties

Cas. No.

SMILES C1C=CC=C(CI)C(C(NC2=CC=C(NC(C3=C(CI)C=CC(NC(CCCCCCNC(CCCCC[N+]4=C(/C=C/C=C5N(CC)C(C=CC(S(=O)([O-])=O)=C6)=C6C/5(C)C)C(C)(C)C7=C4C=CC(S(=O)(O)=O)=C7)=O)=O)=C3)=O)C=C2)=O)=C1

Formula C₅₈H₆₃Cl₃N₆O₁₀S₂ M.Wt 1174.64

Solubility Soluble in DMSO Storage Store at -20°C

General For obtaining a higher solubility , please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock tips 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 fluorescent Smo antagonist (IC₅₀ = 100 nM). Non-fluorescent analog also available.

Fan et al (2014) The Hedgehog pathway effector smoothened exhibits signaling competency in the absence of ciliary accumulation. Chem.Biol. 21 1680 PMID:25484239

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

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