

Product Data Sheet

Product Name: Dynarrestin

Cat. No.: GC50486

Chemical Properties

Cas. No. 2222768-84-3

SMILES CCOC(C1=C(C2=CC=C(N(CC)CC)C=C2)N=C(S1)NC3=C(C=C(C=C3)F)F)=O

Formula C₂₂H₂₃F₂N₃O₂S

M.Wt 431.5

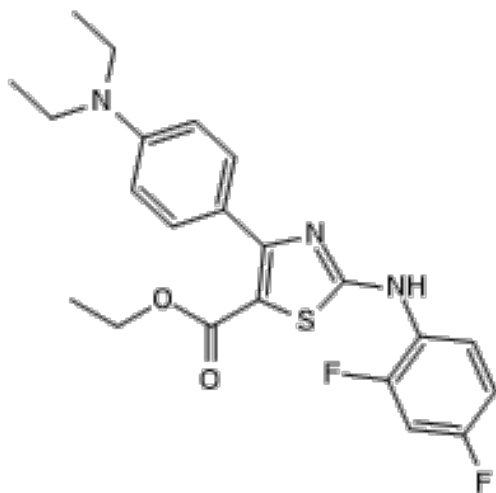
Solubility Soluble in DMSO

Storage 4°C, protect from light ,unstable in solution, ready to use.

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

Dynein inhibitor. Inhibits hedgehog signaling in vitro (IC₅₀ = 0.22 μM). Exhibits reversible inhibition of cytoplasmic dynein 1-dependent microtubule binding and cytoplasmic dynein 2-dependent intraflagellar transport. Inhibits tumor cell proliferation in a mouse medulloblastoma model.

Höing et al (2018) Dynarrestin, a novel inhibitor of cytoplasmic dynein. Cell Chem.Biol. 25 357
PMID:29396292

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

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

Address: 10292 Central Ave. #205, Montclair, CA, USA

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