

Product Data Sheet

Product Name: Firefly luciferase-IN-4

Cat. No.: GC73804

Chemical Properties

Cas. No. 370587-13-6

Formula $C_{26}H_{25}BrN_4O_3S$

M.Wt 553.47

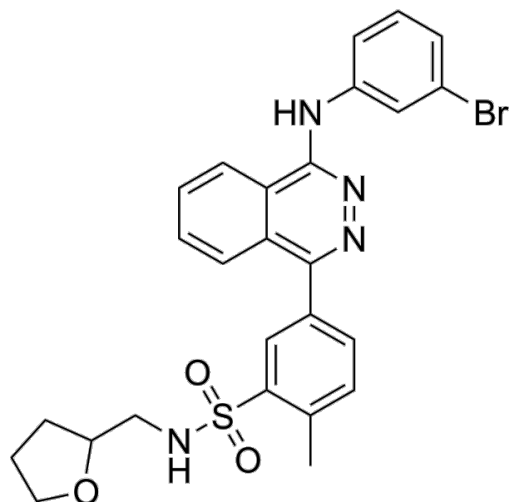
Solubility

Storage -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

Firefly luciferase-IN-4 (CID: 3987260) is an inhibitor of ATP-dependent luciferase (Firefly luciferase). It has nM-level inhibitory activity ($pIC_{50}=6.5$).

References:

[1]. Ho PI, et al. Reporter enzyme inhibitor study to aid assembly of orthogonal reporter gene assays. ACS Chem Biol. 2013 May 17;8(5):1009-17.

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

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