

Product Data Sheet

Product Name: Firefly luciferase-IN-5

Cat. No.: GC73911

Chemical Properties

Cas. No. 959557-37-0

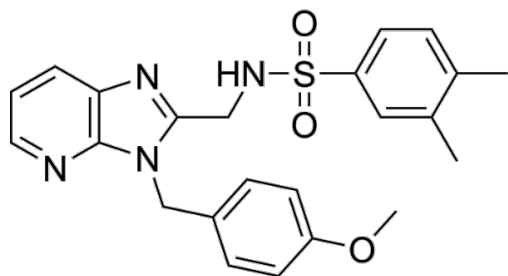
Formula $C_{23}H_{24}N_4O_3S$ M.Wt 436.53

Solubility Storage $-20^{\circ}C$

General tips For obtaining a higher solubility, please warm the tube at $37^{\circ}C$ and shake it in the ultrasonic bath for a while. Stock solution can be stored below $-20^{\circ}C$ 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-5 (CID: 16031203) is an inhibitor of ATP-dependent luciferase (Firefly luciferase). It has nM-level inhibitory activity against GRLuc, RLuc8, and RLuc respectively ($pIC_{50}=8.5, 7.5, 5.5$).

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.

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

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