

Product Data Sheet

Product Name: Firefly luciferase-IN-3

Cat. No.: GC73909

Chemical Properties

Cas. No. 898155-17-4

Formula $C_{24}H_{21}F_3N_4O_4$

M.Wt 486.44

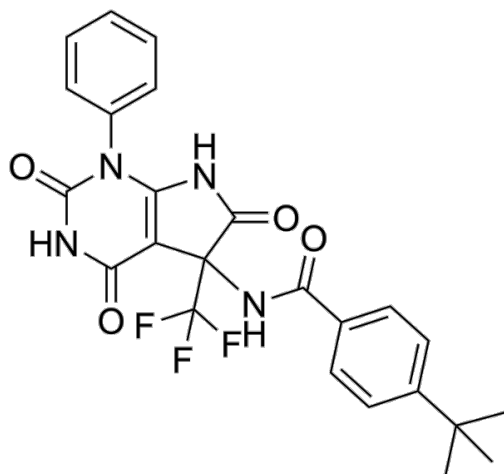
Solubility

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-3 (CID: 17087944) is an inhibitor of ATP-dependent luciferase (Firefly luciferase) and has nM-level inhibitory activity against NanoLuc (pIC₅₀=7.5).

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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