

Product Data Sheet

Product Name: AF405 NHS Ester

Cat. No.: GC81694

Chemical Properties

Cas. No.

Formula C₄₆H₆₉N₅O₁₅S₃

M.Wt 1028.26

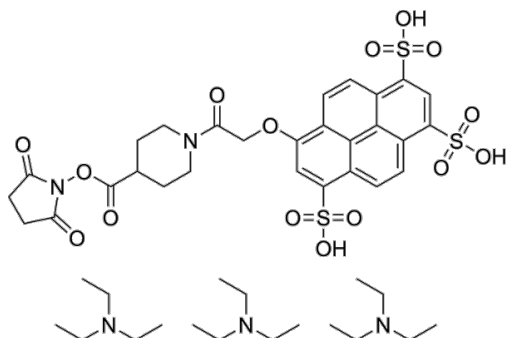
Solubility

Storage Store at -20°C, sealed storage, away from moisture and light

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

AF405 NHS Ester (AF405) is a Fluorescent probe substrate, as well as a substrate for OATP1B1, OATP1B3 and OATP2B1 [1].

References:

[1]. Patik I, et al. Identification of novel cell-impermeant fluorescent substrates for testing the function and drug interaction of Organic Anion-Transporting Polypeptides, OATP1B1/1B3 and 2B1. Sci Rep. 2018 Feb 8;8(1):2630.

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

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