

Product Data Sheet

Product Name: iAfaPhos1

Cat. No.: GC81732

Chemical Properties

Cas. No.

Formula $C_{64}H_{77}ClFN_7O_{14}$

M.Wt 1222.79

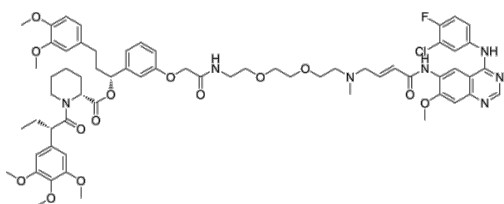
Solubility

Storage Store at -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

iAfaPhos1 is a FKBP12F36V epimer ligand. iAfaPhos1 leads to reduced dephosphorylation of EGFR at pY1068 and pY845 sites. iAfaPhos1 has anticancer activity against non-small cell lung cancer [1].

References:

[1]. Hu Z, et al. EGFR targeting PhosTACs as a dual inhibitory approach reveals differential downstream signaling. Sci Adv. 2024 Mar 29;10(13):eadj7251.

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

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