

Product Data Sheet

Product Name: Glu-urea-Glu-NHS ester

Cat. No.: GC73135

Chemical Properties

Cas. No. 1228927-36-3

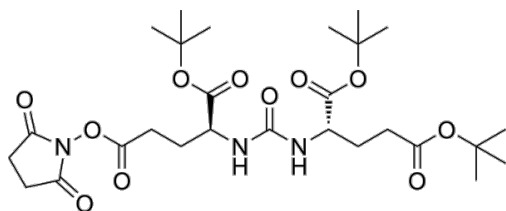
Formula $C_{27}H_{43}N_3O_{11}$ M.Wt 585.64

Solubility DMSO : 100 mg/mL (170.75 mM; Storage -20°C
Need ultrasonic)

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

Glu-urea-Glu-NHS ester (compound 21) is an activated N-droxsuccinamide (NHS) ester of Glu-urea-Glu which can be used as a pharmacophore for linking with prostate specific membrane antigen (PSMA) inhibitors.

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

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References:

[1]. Lu G, et al. Synthesis and SAR of ^{99m}Tc /Re-labeled small molecule prostate specific membrane antigen inhibitors with novel polar chelates. *Bioorg Med Chem Lett*. 2013 Mar 1;23(5):1557-63.

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