

Product Data Sheet

Product Name: FBnG-(Cys-acetamide)-CH₂-PEG₃-CH₂-CH₂-CH₂-NH₂

Cat. No.: GC73307

Chemical Properties

Cas. No. 2241669-84-9

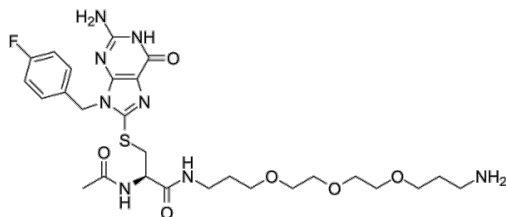
Formula C₂₇H₃₉FN₈O₆S M.Wt 622.71

Solubility DMSO : 50 mg/mL (80.29 mM; Need ultrasonic) Storage 4°C, protect from 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

FBnG-(Cys-acetamide)-CH₂-PEG₃-CH₂-CH₂-CH₂-NH₂ is a linker of AUTAC4. AUTAC4 contains an

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p-fluorobenzylguanine (FBnG) and a phenylindole moiety, which can induce K63-linked polyubiquitination and degradation of mitochondria in HeLa cells.

References:

[1]. Takahashi D, et al. AUTACs: Cargo-Specific Degraders Using Selective Autophagy. Mol Cell. 2019 Dec 5;76(5):797-810.e10.

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