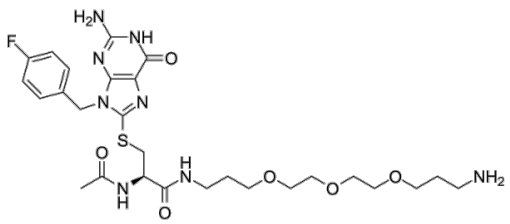
Product Data Sheet

Product Name: FBnG-(Cys-acetamide)-CH2-PEG3-CH2-CH2-CH2-NH2
Cat. No.: GC73307

Chemical Properties

Cas. No.	2241669-84-9		
Formula	$C_{27}H_{39}FN_8O_6S$	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

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.