

Product Data Sheet

Product Name: PBD-monoamide

Cat. No.: GC73938

Chemical Properties

Cas. No. 2093165-00-3

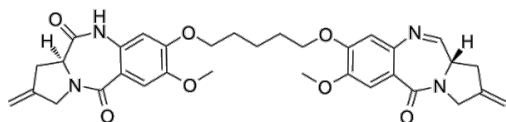
Formula $C_{33}H_{36}N_4O_7$ M.Wt 600.66

Solubility DMSO : 35.71 mg/mL (59.45 mM; ultrasonic and warming and heat to 60°C) Storage 4°C, protect from light, stored under nitrogen

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

PBD-monoamide, a modified PBD (pyrrolobenzodiazepine) dimer, is an ADC Cytotoxin. PBD-monoamide can be used for synthesis of DHES0815A (an HER2 ADC). PBD-monoamide has DNA-binding activity and reduces cell viability.

References:

[1]. Lewis GD, et al. The HER2-directed antibody-drug conjugate DHES0815A in advanced and/or

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

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metastatic breast cancer: preclinical characterization and phase 1 trial results. Nat Commun. 2024 Jan 11;15(1):466.

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