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**Product Data Sheet**

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Product Name: DBCO-PEG4-amine

Cat. No.: GC39605

**Chemical Properties**

Cas. No. 1840886-10-3

SMILES O=C(NCCOCCOCCOCCOCCN)CCC(N1C2=CC=CC=C2C#CC3=CC=CC=C3C1)=OFormula  $C_{29}H_{37}N_3O_6$  M.Wt 523.62

Solubility Soluble in DMSO 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 Evaluation sample solution : ship with blue ice All other available size: ship with Condition RT , or blue ice upon request.

Structure **Background**

DBCO-PEG4-amine is a cleavable ADC linker used in the synthesis of antibody-drug conjugates (ADCs). DBCO-PEG4-amine can be used in the synthesis of FPM-PEG4-DBCO (a homobifunctional azide-to-azide cross-linker)[1].

[1]. Florinas S, et al. A Nanoparticle Platform To Evaluate Bioconjugation and Receptor-Mediated Cell Uptake Using Cross-Linked Polyion Complex Micelles Bearing Antibody Fragments. *Biomacromolecules*. 2016 May 9;17(5):1818-33.

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

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