

Product Data Sheet

Product Name: DBCO-PEG24-Maleimide

Cat. No.: GC72715

Chemical Properties

Cas. No. 2924872-84-2

Formula $C_{76}H_{122}N_4O_{29}$

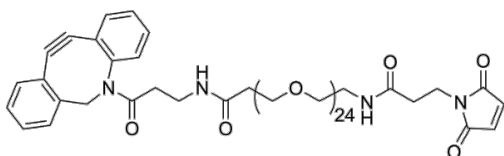
M.Wt 1555.81

Solubility Storage -20°C, 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

DBCO-PEG24-Maleimide contains a maleimide and a DBCO group. DBCO-PEG24-Maleimide can be used for thiol-containing biomolecule conjugations. DBCO-PEG24-Maleimide can be used in click chemistry with azide-bearing biomolecules.

References:

[1]. Eric Kitas, et al. Targeted linear conjugates comprising polyethyleneimine and polyethylene glycol and polyplexes comprising the same. WO2023079142A3. 2022.

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

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