

Product Data Sheet

Product Name: MC-GGFG-DX8951

Cat. No.: GC39309

Chemical Properties

Cas. No. 1600418-29-8

SMILES O=C1OCC2=C(C=C(C3=NC4=CC(F)=C(C)C(CC[C@@H]5NC(CNC([C@@H](NC(CNC(CNC(CCCCN6C(C=CC6=O)=O)=O)=O)=O)CC7=CC=CC=C7)=O)=O)=C4C5=C3C8)N8C2=O)[C@@]1(O)CC

Formula	C ₄₉ H ₅₁ FN ₈ O ₁₁	M.Wt	946.97
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Solubility	DMSO: 100 mg/mL (105.60 mM)	Storage	Store at -20°C
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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.
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Shipping Condition	Evaluation sample solution : ship with blue ice All other available size: ship with RT , or blue ice upon request.
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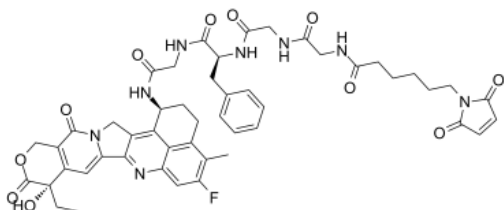
Caution: Product has not been fully validated for medical applications. For research use only.

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Address: 10292 Central Ave. #205, Montclair, CA, USA

Product Data Sheet

Structure



Background

MC-GGFG-DX8951 is a drug-linker conjugate for ADC with antitumor activity by using DX8951 (a DNA topoisomerase I inhibitor), linked via the protease cleavable MC-GGFG linker[1].

[1]. Nakada T, et al. Novel antibody drug conjugates containing exatecan derivative-based cytotoxic payloads. Bioorg Med Chem Lett. 2016 Mar 15;26(6):1542-1545.

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