

---

## Product Data Sheet

---

Product Name: Duocarmycin MA

Cat. No.: GC35910

**Chemical Properties**

Cas. No. 1613286-57-9

SMILES O=C(OC(C)(C)C)NC1=CC=C(C(NC2=CC3=C(C=C2)C=C(C(N4C[C@@H](CCl)C5=C4C=C(O)C6=CC=CC=C56)=O)N3)=O)C=C1

Formula	C <sub>34</sub> H <sub>31</sub> ClN <sub>4</sub> O <sub>5</sub>	M.Wt	611.09
---------	---	------	--------

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

Structure **Background**

Duocarmycin MA is an antibody drug conjugates (ADCs) toxin. Duocarmycin is a DNA alkylating agent that binds in the minor groove. Duocarmycin MA can be used against multi-drug resistant cell lines.

[1]. Searcey M. Duocarmycins--natures prodrugs • Curr Pharm Des. 2002;8(15):1375-89.

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

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

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

---