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**Product Data Sheet**


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Product Name: Duocarmycin MB

Cat. No.: GC35911

**Chemical Properties**

Cas. No. 1613286-58-0

SMILES C1C[C@H]1C2=C(C=C(O)C3=CC=CC=C23)N(C(C4=CC5=CC=C(NC(OC(C)(C)C)=O)C=C5N4)=O)C1

Formula	C <sub>27</sub> H <sub>26</sub> ClN <sub>3</sub> O <sub>4</sub>	M.Wt	491.97
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Solubility	Soluble in DMSO	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.

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

Structure **Background**

Duocarmycin MB is an antibody drug conjugates (ADCs) toxin. Duocarmycin is a DNA alkylating agent that binds in the minor groove. Duocarmycin MB 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

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