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**Product Data Sheet**


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Product Name: Duocarmycin GA

Cat. No.: GC35909

**Chemical Properties**

Cas. No. 1613286-59-1

SMILES O=C(NC1=CC2=C(C=C1)C=C(C(N3C[C@@H](CC1)C4=C3C=C(O)C5=CC=CC=C45)=O)N2)CN(C)C

Formula	C <sub>26</sub> H <sub>25</sub> ClN <sub>4</sub> O <sub>3</sub>	M.Wt	476.95
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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 GA is an antibody drug conjugates (ADCs) toxin. Duocarmycin is a DNA alkylating agent that binds in the minor groove. Duocarmycin GA 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.**

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