
Product Data Sheet

Product Name: DC1
 Cat. No.: GC34185

Chemical Properties

Cas. No. 169901-27-3

SMILES O=C(C(N1)=CC2=C1C=CC(NC(CCS)=O)=C2)NC3=CC4=C(NC(C(N5C[C@@H](CCI)C6=C5C=C(O)C7=CC=CC=C67)=O)=C4)C=C3

Formula C₃₄H₂₈ClN₅O₄S M.Wt 638.14

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

DC1, an analogue of the minor groove-binding DNA alkylator CC-1065, is an antibody conjugate of cytotoxic DNA alkylators for the targeted treatment of cancer.

[1]. Kovtun YV, et al. Antibody-drug conjugates designed to eradicate tumors with homogeneous and heterogeneous expression of the target antigen. *Cancer Res.* 2006 Mar 15;66(6):3214-21.

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
