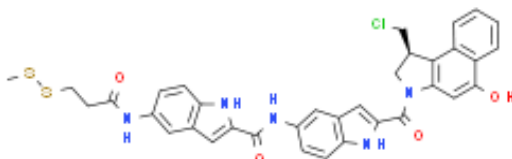


Product Data Sheet

Cas No.:	501666-85-9	Cat. No:	PL02129
Product Name:	DC1SMe		
Product synonym:	-		
Chemical name:	DC1SMe		
MF:	C35H30N5O4S2CL	FW:	684.2268
Purity:	≥98%	Batch No.:	-
Storage:			
Structural formula:			
λmax:	-	Formulation:	-
Solubility :			
SMILES :	O=C(C(N1)=CC2=C1C=CC(NC(CSSC)=O)=C2)NC3=CC4=C(NC(C(N5C[C@@H](CCl)C6=C5C=C(O)C7=CC=CC=C67)=O)=C4)C=C3		
InChI Code:	-		
InChI Key:			
WARNING This product is not for human or veterinary use.			

Product Description

DC1Sme 是 DC1 的衍生物，其对 Ramos、Namalwa、HL60/s 和 COLO 205 癌细胞的 IC50 值分别为 22 pM、10 pM、32 pM 和 250 pM。DC1 是结合 DNA 小沟的烷化剂 CC-1065 的类似物，是一种 ADC 毒性小分子，可用于合成抗体偶联物，靶向癌症研究。

生物活性	DC1Sme, a DC1 derivative, exhibits IC 50 values of 22 pM, 10 pM, 32 pM and 250 pM for Ramos, Namalwa, HL60/s and COLO 205 cancer cells, respectively. DC1, an analogue of the minor groove-binding DNA alkylator CC-1065, is a ADC Cytotoxin. DC1 can be used in synthesis of antibody-drug conjugates for the targeted treatment of cancer.
IC50 & Target[1][2]	Duocarmycins
包装储存	-20°C, stored under nitrogen, away from moistur In solvent : -80°C, 6 months; -20°C, 1 month (stored under nitrogen, away from moisture)