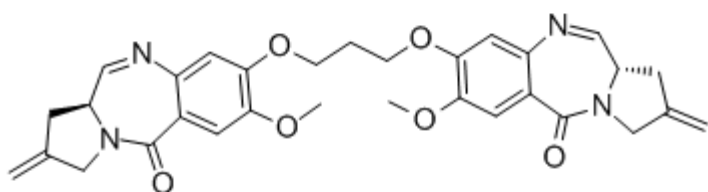


SJG-136

Catalog No. A21296



SJG-136 is a DNA cross-linking agent, with an XL50 of 45 nM for pBR322 DNA. SJG-136 has potent antitumor activity.

Technical details



CATALOG NUM	A21296
M. WT	556.61
FORMULA	C ₃₁ H ₃₂ N ₄ O ₆
PURITY	>98%
STORAGE	at -20°C 3 years Powder
CAS NO.	232931-57-6
SYNONYMS	NSC-694501
SMILES	<chem>O=C1N2[C@@H](CC(C2)=C)C=NC3=CC(OCCCOC4=C(OC)C=C(C(N(CC(C5)=C)[C@@H]5C=N6)=O)C6=C4)=C(OC)C=C31</chem>

Biological Activity



SJG-136 is a DNA cross-linking agent, with an XL50 of 45 nM for pBR322 DNA. SJG-136 has potent antitumor activity.

Preparing Stock Solutions



Concentration / Solvent Volume / Mass	1 mg	5 mg	10 mg
0.1 mM	17.97 mL	89.83 mL	179.66 mL
0.5 mM	3.59 mL	17.97 mL	35.93 mL
1 mM	1.8 mL	8.98 mL	17.97 mL
5 mM	0.36 mL	1.8 mL	3.59 mL

*The above data is based on the product molecular weight 556.61. Batch specific molecular weights may vary from batch to batch due to solvent of hydration, which will affect the solvent volumes required to prepare stock solutions.

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