

Product Data Sheet

Product Name: SJG-136 intermediate-1

Cat. No.: GC74118

Chemical Properties

Cas. No. 232931-64-5

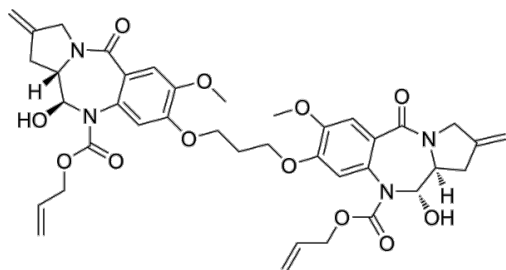
Formula $C_{39}H_{44}N_4O_{12}$ M.Wt 760.79

Solubility Storage -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

SJG-136 intermediate-1 (compound 19) is an intermediate for synthesizing SJG-136. SJG-136 is a DNA cross-linking agent, with an XL50 of 45 nM for pBR322 DNA.

References:

[1]. S J Gregson, et al. Design, synthesis, and evaluation of a novel pyrrolobenzodiazepine DNA-interactive agent with highly efficient cross-linking ability and potent cytotoxicity. J Med Chem. 2001 Mar 1;44(5):737-48.

Caution: Product has not been fully validated for medical applications. For research use only.

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