

Product Data Sheet

Product Name: Lobaplatin

Cat. No.: GC61000

Chemical Properties

Cas. No. 135558-11-1

SMILES CC1[O-][Pt+2]2([NH2]CC3C(CC3)C[NH2]2)[O-]C1=O

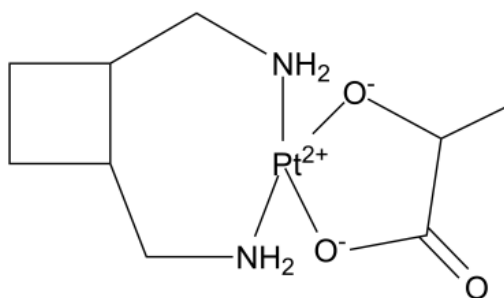
Formula $C_9H_{18}N_2O_3Pt$ M.Wt 397.33

Solubility Water: ≥ 50 mg/mL (125.84 mM; DMSO can inactivate Lobaplatin's activity) Storage Store at $-20^{\circ}C$

General tips For obtaining a higher solubility, please warm the tube at $37^{\circ}C$ and shake it in the ultrasonic bath for a while. Stock solution can be stored below $-20^{\circ}C$ 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

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

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Lobaplatin (D-19466) is a diastereometric mixture of platinum(II) complexes. Lobaplatin (D-19466) shows activity for a variety of tumour types and is a promising antitumour chemotherapeutic agent[1][2].

[1]. Cao H, et al. Lobaplatin Inhibits Prostate Cancer Proliferation and Migration Through Regulation of BCL2 and BAX. Dose Response. 2019 Jun 5;17(2):1559325819850981. [2]. McKeage MJ, et al. Lobaplatin: a new antitumour platinum drug. Expert Opin Investig Drugs. 2001 Jan;10(1):119-28.

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