
Product Data Sheet

Product Name: Lurbinectedin D3

Cat. No.: GC63050

Chemical Properties

Cas. No.

Formula C₄₁H₄₁D₃N₄O₁₀S

M.Wt

787.89

Solubility

Storage

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**

Lurbinectedin D3 is deuterium labeled Lurbinectedin. Lurbinectedin (PM01183) is a DNA minor groove covalent binder with potent anti-tumour activity; inhibits RMG1 and RMG2 cell growth with IC50 values of 1.25 and 1.16 nM, respectively[1].

[1]. Takahashi R, et al. Preclinical Investigations of PM01183 (Lurbinectedin) as a Single Agent or in Combination with Other Anticancer Agents for Clear Cell Carcinoma of the Ovary. PLoS One. 2016 Mar 17;11(3):e0151050.

[2]. Leal JF, et al. PM01183, a new DNA minor groove covalent binder with potent in vitro and in vivo anti-tumour activity. Br J Pharmacol. 2010 Nov;161(5):1099-110.

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

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