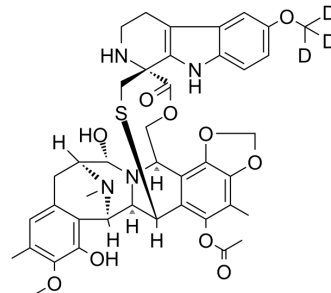


Lurbinectedin D3

Cat. No.:	HY-16293S
Molecular Formula:	C ₄₁ H ₄₁ D ₃ N ₄ O ₁₀ S
Molecular Weight:	787.89
Target:	DNA Alkylator/Crosslinker; DNA/RNA Synthesis
Pathway:	Cell Cycle/DNA Damage
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

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].

REFERENCES

[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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