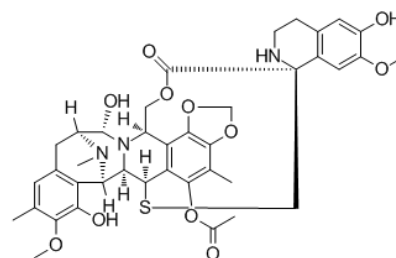


Product Name : Trabectedin
Cat. No. : PC-45909
CAS No. : 114899-77-3
Molecular Formula : C₃₉H₄₃N₃O₁₁S
Molecular Weight : 761.8372
Target : DNA Alkylator/Crosslinker
Solubility : 10 mM in DMSO



Biological Activity

Trabectedin (Ecteinascidin-743, ET-743, Ecteinascidin) is a **marine alkaloid** isolated from the Caribbean tunicate Ecteinascidia turbinata that shows remarkably anticancer activity in a variety of in vitro and in vivo systems. Trabectedin is a DNA minor groove, guanine-specific **alkylating agent**. Trabectedin shows high potency against ovarian carcinoma xenografts.

References

Pommier Y, et al. **Biochemistry**. 1996 Oct 15;35(41):13303-9.
Valoti G, et al. **Clin Cancer Res**. 1998 Aug;4(8):1977-83.

Caution: Product has not been fully validated for medical applications. Lab Use Only!

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