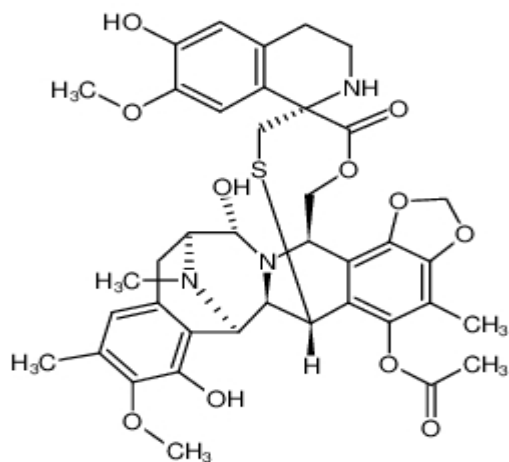


Trabectedin (CAS: 114899-77-3)**Catalog #: EBC51168****Biological Activity**

Synonyms	Trabectedin; Ecteinascidin 743; ET-743; ET743
Chemical Name	
Application	Trabectedin (Ecteinascidin 743) is deuterium labeled Trabectedin.
CAS No.	114899-77-3
Purity	≥98.0%
Molecular Weight	761.84
Molecular Formula	C ₃₉ H ₄₃ N ₃ O ₁₁ S
Shipping	Gel Pack
Storage	Store at -20° C
Target & IC₅₀	

Molecular Structure**Solubility**

DMSO: 33.33 mg/mL (43.75 mM; Need ultrasonic)

PS: < 1 mg/ml refers to the product insoluble

Description

Trabectedin (Ecteinascidin 743) is deuterium labeled Trabectedin. Trabectedin is a tetrahydroisoquinoline alkaloid with potent antitumor activity. Trabectedin binds to the minor groove of DNA, blocks transcription of stress-induced proteins, induces DNA backbone cleavage and cancer cells apoptosis, and increases the generation of ROS in MCF-7 and MDA-MB-453 cells. Trabectedin has the potential for soft tissue sarcoma and ovarian cancer treatment.

For Research Use Only. Not For Use In Diagnostic Procedures

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