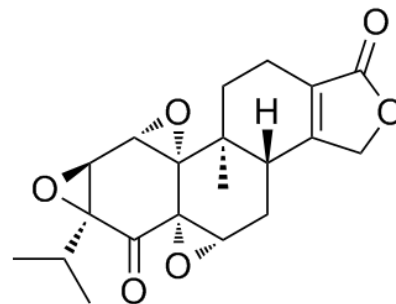


Product Name : Triptonide
Cat. No. : PC-45815
CAS No. : 38647-11-9
Molecular Formula : C₂₀H₂₂O₆
Molecular Weight : 358.3851
Target : Beta-catenin
Solubility : 10 mM in DMSO



Biological Activity

Triptonide (NSC 165677, PG 492) is a key bioactive small molecule identified in *Tripterygium wilfordii* Hook F., has a broad spectrum of biological functions, inhibits canonical **Wnt/β-catenin** signaling by targeting **β-catenin**.

Triptonide effectively inhibits canonical Wnt/β-catenin signaling by targeting the downstream C-terminal transcription domain of β-catenin.

Triptonide upregulates the expression of IL-37.

Triptonide potently inhibits the proliferation of human B-lymphoma Raji and T-lymphoma Jurkat cells with IC₅₀ of 5.7 nM and 4.8 nM, respectively.

References

Chinison J, et al. *Sci Rep*. 2016 Sep 6;6:32779.

He L, et al. *Cell Mol Immunol*. 2015 Jul;12(4):515-8.

Yang P, et al. *Toxicol Lett*. 2017 Jun 27;278:9-17.

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

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