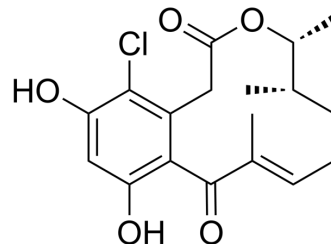


Smad2/3-IN-2

Cat. No.:	HY-162404
Molecular Formula:	C ₁₈ H ₂₁ ClO ₅
Molecular Weight:	352.81
Target:	STAT; TGF-beta/Smad
Pathway:	JAK/STAT Signaling; Stem Cell/Wnt; TGF-beta/Smad
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Smad2/3-IN-2 (Compound 3) is an inhibitor for TGF- β -dependent Smad2/3 and IL-4-dependent STAT6 signaling pathway, with IC₅₀s of 90 and 20 nM, respectively^[1].

REFERENCES

[1]. Seipp K, et al., Total Synthesis, Structure Reassignment, and Biological Evaluation of the Anti-Inflammatory Macrolactone 13-Hydroxy-14-deoxyoxacyclododecindione. J Nat Prod. 2024 Mar 31.

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

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