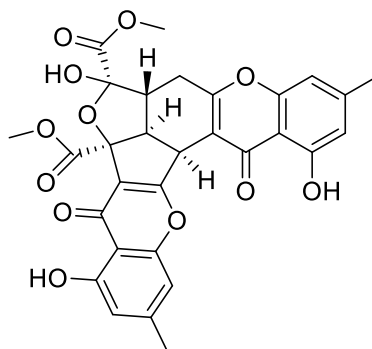


Remisporine B

Code No.: **BIA-R1972**

Pack sizes: **1 mg, 5 mg**



Synonyms :

Specifications

CAS #	: 571194-06-4
Molecular Formula	: C ₃₀ H ₂₄ O ₁₂
Molecular Weight	: 576.5
Source	: <i>Remispora maritima</i>
Appearance	: Light tan solid
Purity	: >95% by HPLC
Long Term Storage	: -20°C
Solubility	: Soluble in methanol or DMSO

Application Notes

Remisporine B is a metabolite of a marine fungus *Remispora maritima*. Remisporine B is a unique cyclopentachromone dimer resulting from a spontaneous Diels-Alder reaction of remisporine A, reported by researchers at Wyeth Research in 2003. Remisporine B is a weak antitumor active with IC₅₀ of 83.1 µg/mL for K562 and 75.3 µg/mL for HL-60 tumor cell lines.

References

1. Remisporine B, a novel dimeric chromenone derived from spontaneous Diels–Alder reaction of remisporine A. Kong F. & Carter G.T. Tetrahedron Lett. 2003, 44, 3119.
2. Rare chromones from a fungal mutant of the marine-derived *Penicillium purpurogenum* G59. Xia M-W. et al. Mar. Drugs 2015, 13, 5219.