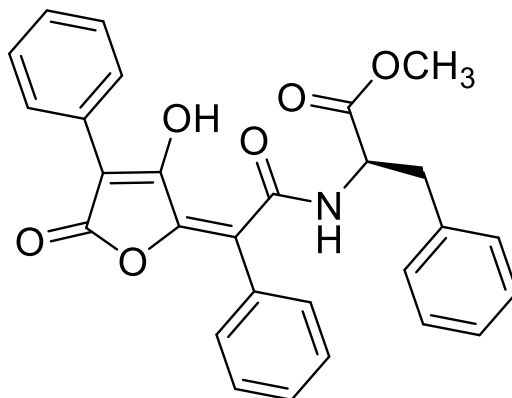


ent-Rhizocarpic acid

Code No.: **BIA-R3083**

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



Synonyms : -

Specifications

CAS #	: -
Molecular Formula	: C₂₈H₂₃NO₆
Molecular Weight	: 469.5
Source	: Synthetic
Appearance	: Yellow solid
Purity	: >95% by HPLC
Long Term Storage	: -20°C
Solubility	: Soluble in methanol and DMSO.

Application Notes

ent-Rhizocarpic acid is the D-isomer of the naturally-occurring L-isomer, rhizocarpic acid. *ent*-Rhizocarpic acid is a member of the pulvinic acid family, with a tetronic acid core bound to the methyl ester of D-phenylalanine. While rhizocarpic acid has moderate but selective activity against the murine myeloma cell line NS-1, *ent*-rhizocarpic acid is 10-fold less potent in this assay.

References

1. Frank R.L. et al. (1950). The structures and syntheses of rhizocarpic acid and epanorin. J. Am. Chem. Soc., 72, 4454.
2. James P.J.C. et al. (2023). Synthesis, characterization, and bioactivity of the lichen pigments pulvinamide, rhizocarpic acid, and epanorin and congeners. J. Nat. Prod., 86, 550.

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