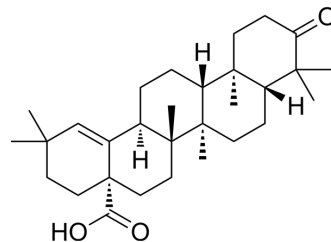


Moronic acid

| | |
|--------------------|---|
| Cat. No.: | HY-N3242 |
| CAS No.: | 6713-27-5 |
| Molecular Formula: | C ₃₀ H ₄₆ O ₃ |
| Molecular Weight: | 454.68 |
| Target: | HIV |
| Pathway: | Anti-infection |
| Storage: | Please store the product under the recommended conditions in the Certificate of Analysis. |



BIOLOGICAL ACTIVITY

Description

Moronic acid, a triterpenoid, is an anti-HIV agent. Moronic acid inhibits viral replication with an EC₅₀ value <1 µg/mL, and shows cytotoxicity in H9 lymphocytes with an IC₅₀ value of 18.6 µg/mL. Moronic acid can be isolated from Brazilian propolis [1].

REFERENCES

[1]. Ito J, et al. Anti-AIDS agents. 48.(1) Anti-HIV activity of moronic acid derivatives and the new melliferone-related triterpenoid isolated from Brazilian propolis. J Nat Prod. 2001 Oct;64(10):1278-81.

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

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