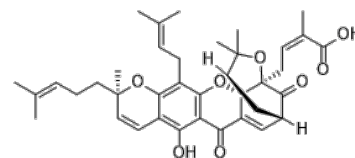


Product Name : Gambogic Acid
Cat. No. : PC-27233
CAS No. : 2752-65-0
Molecular Formula : C₃₈H₄₄O₈
Molecular Weight : 628.76
Target : Bcl-2
Solubility : 10 mM in DMSO



Biological Activity

Gambogic Acid (Beta-Guttiferin) is a natural product derived from *Garcinia hanburyi* Hook with anticancer properties, inhibits Bcl-XL, Bcl-2, Bcl-W, Bcl-B, Bfl-1 and Mcl-1 with IC₅₀s of 1.47 μM, 1.21 μM, 2.02 μM, 0.66 μM, 1.06 μM and 0.79 μM, also binds specifically to SHMT2 Cys241, inhibiting SHMT2 enzymatic activity and disrupting mitochondrial function.

References

- Zhai D, et al. Mol Cancer Ther. 2008 Jun;7(6):1639-46.
Yang T, et al. Adv Sci (Weinh). 2026 Jun 30:e20252.
Wang LH, et al. Br J Cancer. 2014 Jan 21;110(2):341-52.

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

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