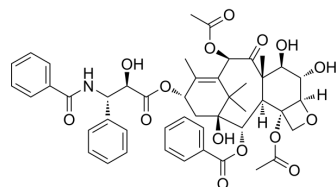


6 α -Hydroxy paclitaxel

| | |
|--------------------|--|
| Cat. No.: | HY-125348 |
| CAS No.: | 153212-75-0 |
| Molecular Formula: | C ₄₇ H ₅₁ NO ₁₅ |
| Molecular Weight: | 869.91 |
| Target: | Drug Metabolite |
| Pathway: | Metabolic Enzyme/Protease |
| Storage: | Powder -20°C 3 years In solvent -80°C 6 months -20°C 1 month |



BIOLOGICAL ACTIVITY

Description

6 α -Hydroxy paclitaxel is a primary metabolite of Paclitaxel. 6 α -Hydroxy paclitaxel retains a time-dependent effect on organic anion-transporting polypeptides 1B1/*SLCO1B1* (OATP1B1) with similar inhibition potency to Paclitaxel, whereas it no longer showed time-dependent inhibition of OATP1B3. 6 α -Hydroxy paclitaxel can be used for the research of cancer^[1].

REFERENCES

[1]. Mori D, et al. Alteration in the Plasma Concentrations of Endogenous Organic Anion-Transporting Polypeptide 1B Biomarkers in Patients with Non-Small Cell Lung Cancer Treated with Paclitaxel. *Drug Metab Dispos.* 2020 May;48(5):387-394.

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

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