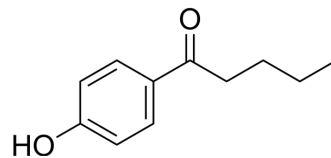


4'-Hydroxyvalerophenone

Cat. No.:	HY-W016604
CAS No.:	2589-71-1
Molecular Formula:	C ₁₁ H ₁₄ O ₂
Molecular Weight:	178.23
Target:	17β-HSD
Pathway:	Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

4'-Hydroxyvalerophenone (Compound 4) is an inhibitor of 17β-hydroxysteroid dehydrogenase (17β-HSD) with an IC₅₀ of 60.52 μM^[1].

REFERENCES

[1]. Lota RK, et al. Synthesis, biochemical evaluation and rationalisation of the inhibitory activity of a series of 4-hydroxyphenyl ketones as potential inhibitors of 17beta-hydroxysteroid dehydrogenase type 3 (17beta-HSD3). *Bioorg Med Chem Lett.* 2006 Sep 1;16(17):4519-22.

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

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