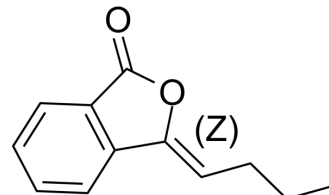


(Z)-3-Butylideneephthalide

| | |
|--------------------|---|
| Cat. No.: | HY-N0336A |
| CAS No.: | 72917-31-8 |
| Molecular Formula: | C ₁₂ H ₁₂ O ₂ |
| Molecular Weight: | 188.22 |
| Target: | Glucosidase |
| Pathway: | Metabolic Enzyme/Protease |
| Storage: | Please store the product under the recommended conditions in the Certificate of Analysis. |



BIOLOGICAL ACTIVITY

Description

(Z)-3-Butylideneephthalide is an antihyperglycemic agent by inhibiting the activity of intestinal and yeast R-glucosidases (IC₅₀=2.35 mM; K_i=4.86 mM)^[1].

REFERENCES

[1]. Fernando Brindis, et al. (Z)-3-butylideneephthalide from *Ligusticum porteri*, an α -glucosidase inhibitor. *J Nat Prod.* 2011 Mar 25;74(3):314-20.

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

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