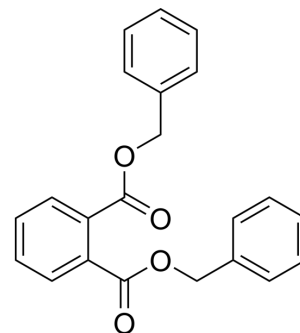


Dibenzyl phthalate

Cat. No.:	HY-121451
CAS No.:	523-31-9
Molecular Formula:	C ₂₂ H ₁₈ O ₄
Molecular Weight:	346.38
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Dibenzyl phthalate, a diaryl phthalate, is extensively used as a plasticizer to modify the properties of the synthetic resin substrates, resulting in the improvement of flexibility and durability of the end products. Dibenzyl phthalate has estrogen agonist/antagonist properties^{[1][2]}.

REFERENCES

- [1]. Zhaobin Zhang, et al. Estrogen agonist/antagonist properties of dibenzyl phthalate (DBzP) based on in vitro and in vivo assays. *Toxicol Lett.* 2011 Nov 10;207(1):7-11.
- [2]. Yalin Wu, et al. Enrichment and sensitive determination of phthalate esters in environmental water samples: A novel approach of MSPE-HPLC based on PAMAM dendrimers-functionalized magnetic-nanoparticles. *Talanta.* 2020 Jan 1:206:120213.

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

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