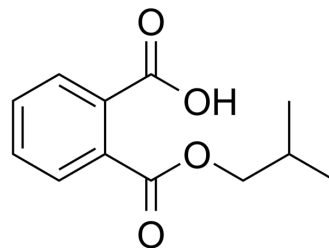


## Monoisobutyl phthalic acid

Cat. No.:	HY-113220
CAS No.:	30833-53-5
Molecular Formula:	C <sub>12</sub> H <sub>14</sub> O <sub>4</sub>
Molecular Weight:	222.24
Target:	Endogenous Metabolite
Pathway:	Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

Description	Monoisobutyl phthalic acid is a phthalate metabolite that is in human semen and in meconium.
IC <sub>50</sub> & Target	Human Endogenous Metabolite
In Vitro	Monoisobutyl phthalic acid (Monoisobutyl phthalate) is a phthalate metabolite that is in human semen and in meconium <sup>[1]</sup> . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

### REFERENCES

[1]. Kato K, et al. Quantifying phthalate metabolites in human meconium and semen using automated off-line solid-phase extraction coupled with on-line SPE and isotope-dilution high-performance liquid chromatography--tandem mass spectrometry. Anal Chem. 2006 Sep 15;78(18):6651-5.

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

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