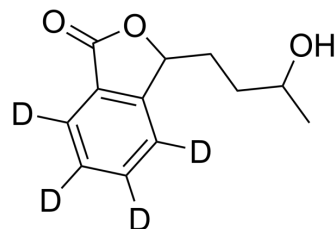


10-OH-NBP-d4

| | |
|--------------------|---|
| Cat. No.: | HY-109502S |
| Molecular Formula: | C ₁₂ H ₁₀ D ₄ O ₃ |
| Molecular Weight: | 210.26 |
| Target: | Isotope-Labeled Compounds |
| Pathway: | Others |
| Storage: | Please store the product under the recommended conditions in the Certificate of Analysis. |



BIOLOGICAL ACTIVITY

Description

10-OH-NBP D4 is deuterium labeled 10-OH-NBP. 10-OH-NBP is a Butylphthalide (3-n-Butylphthalide; NBP; HY-B0647) hydroxylated metabolite and can penetrate the blood-brain barrier (BBB). Butylphthalide exerts neuroprotective effects and has potential for cerebral ischemia research^[1].

REFERENCES

[1]. Xing-xing Diao, et al. Isomer-selective distribution of 3-n-butylphthalide (NBP) hydroxylated metabolites, 3-hydroxy-NBP and 10-hydroxy-NBP, across the rat blood-brain barrier. *Acta Pharmacol Sin.* 2015 Dec;36(12):1520-7.

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

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