



SZABO SCANDIC

Part of Europa Biosite

Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!
See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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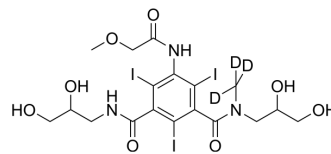
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Iopromide-d3

Cat. No.:	HY-B1362S
Molecular Formula:	C ₁₈ H ₂₁ D ₃ I ₃ N ₃ O ₈
Molecular Weight:	794.13
Target:	Isotope-Labeled Compounds
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Iopromide-d3 is the deuterium labeled Iopromide. Iopromide is a non-ionic, monomeric, iodine-based contrast medium for intravascular administration.
In Vitro	Stable heavy isotopes of hydrogen, carbon, and other elements have been incorporated into drug molecules, largely as tracers for quantitation during the drug development process. Deuteration has gained attention because of its potential to affect the pharmacokinetic and metabolic profiles of drugs ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

- [1]. Russak EM, et al. Impact of Deuterium Substitution on the Pharmacokinetics of Pharmaceuticals. *Ann Pharmacother*. 2019;53(2):211-216.
- [2]. Jiang W, et al. Breviscapine attenuated contrast medium-induced nephropathy via PKC/Akt/MAPK signalling in diabetic mice. *Am J Transl Res*. 2016 Feb 15;8(2):329-41.
- [3]. McCormack PL, et al. Iobitridol: a review of its use as a contrast medium in diagnostic imaging. *Clin Drug Investig*. 2013 Feb;33(2):155-66.

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

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