



SZABO SCANDIC

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Produktinformation



Forschungsprodukte & Biochemikalien



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Diagnostik & molekulare Diagnostik



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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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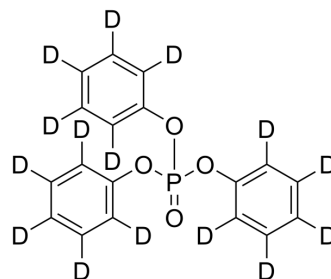
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Triphenyl phosphate-d₁₅

Cat. No.:	HY-Y1322S		
CAS No.:	1173020-30-8		
Molecular Formula:	C ₁₈ D ₁₅ O ₄ P		
Molecular Weight:	341.38		
Target:	Isotope-Labeled Compounds		
Pathway:	Others		
Storage:	Store at room temperature 3 years		
	In solvent	-80°C	2 years
		-20°C	1 year



BIOLOGICAL ACTIVITY

Description	Triphenyl phosphate-d ₁₅ is the deuterium labeled Triphenyl phosphate[1].
In Vitro	<p>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].</p> <p>MCE has not independently confirmed the accuracy of these methods. They are for reference only.</p>

REFERENCES

[1]. Russak EM, et al. Impact of Deuterium Substitution on the Pharmacokinetics of Pharmaceuticals. *Ann Pharmacother*. 2019 Feb;53(2):211-216.

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

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