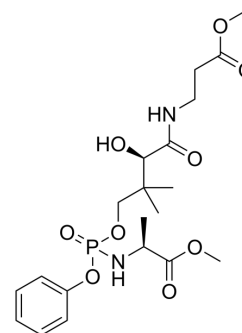


Fosmetpantotenate

Cat. No.:	HY-109033
CAS No.:	1858268-66-2
Molecular Formula:	C ₂₀ H ₃₁ N ₂ O ₉ P
Molecular Weight:	474.44
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Fosmetpantotenate is a phosphopantothenic acid (PPA) precursor designed to release PPA intracellularly, leading to restoration of CoA levels. Fosmetpantotenate is used to research pantothenate kinase-associated neurodegeneration.

REFERENCES

- [1]. Elbaum D, Beconi MG, Monteagudo E, et al. Fosmetpantotenate (RE-024), a phosphopantothenate replacement therapy for pantothenate kinase-associated neurodegeneration: Mechanism of action and efficacy in nonclinical models. PLoS One. 2018;13(3):e0192028. Published 2018 Mar 9.
- [2]. Klopstock T, et al. The FOsmetpantotenate Replacement Therapy (FORT) randomized, double-blind, Placebo-controlled pivotal trial: Study design and development methodology of a novel primary efficacy outcome in patients with pantothenate kinase-associated neurodegeneration. Clin Trials. 2019;16(4):410-418.

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

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