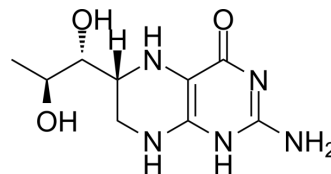


Sapropterin

Cat. No.:	HY-A0124
CAS No.:	62989-33-7
Molecular Formula:	C ₉ H ₁₅ N ₅ O ₃
Molecular Weight:	241.25
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Sapropterin ((6R)-BH₄) is an orally active phenylalanine hydroxylase (PAH) cofactor, which is effective in reducing blood phenylalanine concentrations. Sapropterin can be used in study of phenylketonuria (PKU)^[1].

CUSTOMER VALIDATION

- Mol Cell. 2020 Jan 2;77(1):95-107.e5.
- Mol Cell. 2020 Jan 2;77(1):95-107.e5.

See more customer validations on www.MedChemExpress.com

REFERENCES

- [1]. Sanford M, et al. Sapropterin: a review of its use in the treatment of primary hyperphenylalaninaemia. *Drugs*. 2009;69(4):461-76.
- [2]. Schmitz K, et al. Sapropterin (BH₄) Aggravates Autoimmune Encephalomyelitis in Mice. *Neurotherapeutics*. 2021 Jul;18(3):1862-1879.

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

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