



# 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

### SZABO-SCANDIC HandelsgmbH

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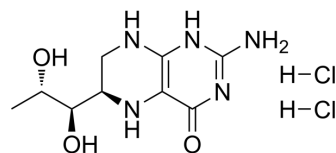
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## Sapropterin dihydrochloride (Standard)

Cat. No.:	HY-A0124AR
CAS No.:	69056-38-8
Molecular Formula:	C <sub>9</sub> H <sub>17</sub> Cl <sub>2</sub> N <sub>5</sub> O <sub>3</sub>
Molecular Weight:	314.17
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

#### Description

Sapropterin (dihydrochloride) (Standard) is the analytical standard of Sapropterin (dihydrochloride). This product is intended for research and analytical applications. Sapropterin ((6R)-BH<sub>4</sub>) is an orally active phenylalanine hydroxylase (PAH) cofactor, which is effective in reducing blood phenylalanine concentrations. Sapropterin also drives autoimmunity. Sapropterin can be used in study of phenylketonuria (PKU)<sup>[1][2]</sup>.

### 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 (BH<sub>4</sub>) 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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