



# 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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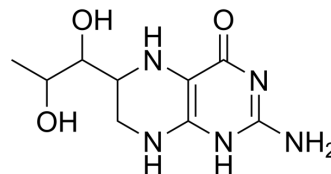
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## Tetrahydrobiopterin (Standard)

Cat. No.:	HY-107383R
CAS No.:	17528-72-2
Molecular Formula:	C <sub>9</sub> H <sub>15</sub> N <sub>5</sub> O <sub>3</sub>
Molecular Weight:	241.25
Target:	Endogenous Metabolite; NO Synthase
Pathway:	Metabolic Enzyme/Protease; Immunology/Inflammation
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

#### Description

Tetrahydrobiopterin (Standard) is the analytical standard of Tetrahydrobiopterin. This product is intended for research and analytical applications. Tetrahydrobiopterin ((Rac)-Sapropterin) is a cofactor of the aromatic amino acid hydroxylases enzymes and also acts as an essential cofactor for all nitric oxide synthase (NOS) isoforms.

### REFERENCES

[1]. Rivera JC, et al. Tetrahydrobiopterin (BH4) deficiency is associated with augmented inflammation and microvascular degeneration in the retina. *J Neuroinflammation*. 2017 Sep 6;14(1):181.

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

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