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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

SZABO-SCANDIC HandelsgmbH

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

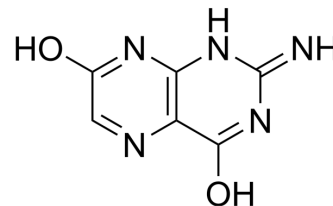
mail@szabo-scandic.com

www.szabo-scandic.com

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

Isoxanthopterin

Cat. No.:	HY-W016568
CAS No.:	529-69-1
Molecular Formula:	C ₆ H ₅ N ₅ O ₂
Molecular Weight:	179.14
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Isoxanthopterin is a heterocyclic compound belonging to the pteridine family and its activity is mainly reflected in its optical properties. Isoxanthopterin can form a reflective layer in the eyes of animals, enhancing visual function. The main regulatory mechanism of isoxanthopterin involves its ability to form a crystalline structure within organisms, which achieves a high refractive index through specific hydrogen bonding patterns and molecular arrangements. Isoxanthopterin can be used for research in materials science and optical engineering^[1].

REFERENCES

[1]. Hirsch A, et al. Structure and morphology of light-reflecting synthetic and biogenic polymorphs of isoxanthopterin: a comparison[J]. Chemistry of Materials, 2019, 31(12): 4479-4489.

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA