



# 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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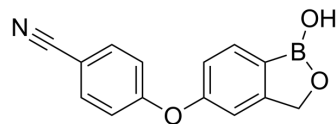
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## Crisaborole (Standard)

Cat. No.:	HY-10978R
CAS No.:	906673-24-3
Molecular Formula:	C <sub>14</sub> H <sub>10</sub> BNO <sub>3</sub>
Molecular Weight:	251.05
Target:	Phosphodiesterase (PDE)
Pathway:	Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

Description	Crisaborole (Standard) is the analytical standard of Crisaborole. This product is intended for research and analytical applications. Crisaborole (AN-2728) is a potent inhibitor of PDE4 and cytokine release; inhibit PDE4 with an IC <sub>50</sub> of 0.49 μM.
IC <sub>50</sub> & Target	IC <sub>50</sub> : 0.49 μM (PDE4) <sup>[1]</sup>

### REFERENCES

- [1]. Akama T, et al. Discovery and structure-activity study of a novel benzoxaborole anti-inflammatory agent (AN2728) for the potential topical treatment of psoriasis and atopic dermatitis. *Bioorg Med Chem Lett*. 2009 Apr 15;19(8):2129-32.
- [2]. Nazarian R, et al. AN-2728, a PDE4 inhibitor for the potential topical treatment of psoriasis and atopic dermatitis. *Curr Opin Investig Drugs*. 2009 Nov;10(11):1236-42.

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

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