



SZABO SCANDIC

Part of Europa Biosite

Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!
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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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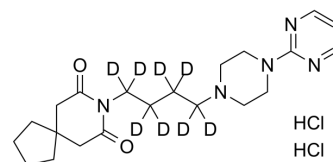
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Buspirone-d₈ dihydrochloride

Cat. No.:	HY-B1115S1
Molecular Formula:	C ₂₁ H ₂₅ D ₈ Cl ₂ N ₅ O ₂
Molecular Weight:	466.47
Target:	Isotope-Labeled Compounds; 5-HT Receptor; Reactive Oxygen Species
Pathway:	Others; GPCR/G Protein; Neuronal Signaling; Immunology/Inflammation; Metabolic Enzyme/Protease; NF-κB
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Buspirone-d₈ dihydrochloride is the deuterium labeled Buspirone hydrochloride (HY-B1115). Buspirone hydrochloride is a 5-HT_{1A} receptor agonist. Buspirone hydrochloride can be used for anxiety and depression research^{[1][2]}.

REFERENCES

- [1]. Salimi A, et, al. Analysis of Toxicity Effects of Buspirone, Cetirizine and Olanzapine on Human Blood Lymphocytes: in Vitro Model. *Curr Clin Pharmacol*. 2018;13(2):120-127.
- [2]. Kim JK, et, al. Buspirone alleviates anxiety, depression, and colitis; and modulates gut microbiota in mice. *Sci Rep*. 2021 Mar 17;11(1):6094.

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

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