



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

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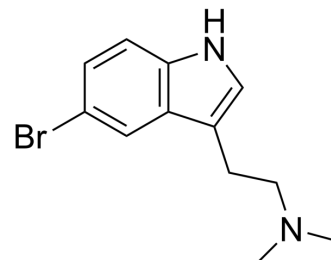
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5-Bromo-N,N-dimethyltryptamine

Cat. No.:	HY-W296398
CAS No.:	17274-65-6
Molecular Formula:	C ₁₂ H ₁₅ BrN ₂
Molecular Weight:	267.16
Target:	5-HT Receptor; Drug Metabolite
Pathway:	GPCR/G Protein; Neuronal Signaling; Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	5-Bromo-N,N-dimethyltryptamine, an active metabolite, is an antidepressant and sedative drug lead. 5-Bromo-N,N-dimethyltryptamine shows strong affinity towards 5-HT _{1A} , 5-HT _{2B} , 5-HT ₆ , and 5-HT ₇ ^[1] .			
IC ₅₀ & Target	5-HT _{1A} Receptor	5-HT _{1A} Receptor	5-HT _{2B} Receptor	5-HT _{2B} Receptor
	5-HT ₆ Receptor	5-HT ₇ Receptor		

REFERENCES

[1]. Mohamed A Ibrahim, et al. Marine Inspired 2-(5-Halo-1H-indol-3-yl)-N,N-dimethylethanamines as Modulators of Serotonin Receptors: An Example Illustrating the Power of Bromine as Part of the Uniquely Marine Chemical Space. Mar Drugs. 2017 Aug 9;15(8):248.

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

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