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Produktinformation



Forschungsprodukte & Biochemikalien



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Laborgeräte & Service

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Lieferung & Zahlungsart

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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

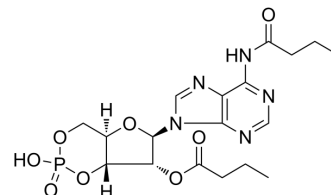
mail@szabo-scandic.com

www.szabo-scandic.com

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

Bucladesine (GMP)

Cat. No.:	HY-B0764G
CAS No.:	362-74-3
Molecular Formula:	C ₁₈ H ₂₄ N ₅ O ₈ P
Molecular Weight:	469.39
Target:	PKA; Phosphodiesterase (PDE)
Pathway:	Stem Cell/Wnt; TGF-beta/Smad; Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Bucladesine (Dibutyl cAMP) (GMP) is a Bucladesine (HY-B0764B) produced by using GMP guidelines. GMP small molecules works appropriately as an auxiliary reagent for cell therapy manufacture. Bucladesine is a membrane permeable selective activator that activates cyclic adenosine phosphate dependent protein kinase A (PKA)^[1].

CUSTOMER VALIDATION

- Cell Stem Cell. 2021 Aug 5;28(8):1362-1379.e7.
- Adv Sci (Weinh). 2021 Oct 31;e2100808.
- Int J Biol Sci. 2024 Aug 19;20(11):4476-4495.
- Cell Commun Signal. 2022 Apr 12;20(1):52.
- Ecotoxicol Environ Saf. 2022 Aug 17;243:113982.

See more customer validations on www.MedChemExpress.com

REFERENCES

[1]. Sharifzadeh M, et al. Post-training intrahippocampal infusion of nicotine–bucladesine combination causes a synergistic enhancement effect on spatial memory retention in rats[J]. European journal of pharmacology, 2007, 562(3): 212-220.

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