



SZABO SCANDIC

Part of Europa Biosite

Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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See the following pages for more information!



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

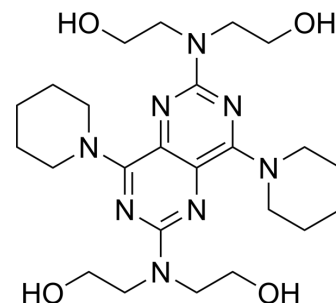
mail@szabo-scandic.com

www.szabo-scandic.com

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

Dipyridamole (Standard)

Cat. No.:	HY-B0312R
CAS No.:	58-32-2
Molecular Formula:	C ₂₄ H ₄₀ N ₈ O ₄
Molecular Weight:	504.63
Target:	Phosphodiesterase (PDE); Apoptosis
Pathway:	Metabolic Enzyme/Protease; Apoptosis
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Dipyridamole (Standard) is the analytical standard of Dipyridamole. This product is intended for research and analytical applications. Dipyridamole is an orally active phosphodiesterase (PDE) inhibitor. Dipyridamole also is an antiplatelet agent used in secondary prophylaxis against stroke. Dipyridamole can induce cancer cell-specific apoptosis ^{[1][2][3]} .
IC ₅₀ & Target	PDE

REFERENCES

- [1]. Kerndt CC, Nagalli S. Dipyridamole. 2021 Nov 25. In: StatPearls [Internet]. Treasure Island (FL): StatPearls Publishing; 2022 Jan-. PMID: 32119342.
- [2]. Longo, Joseph, et al. Cyclic AMP-hydrolyzing phosphodiesterase inhibitors potentiate statin-induced cancer cell death. *Molecular oncology* vol. 14,10 (2020): 2533-2545
- [3]. Wang, Jiaan-Der, et al. Exosomal HMGB1 Promoted Cancer Malignancy. *Cancers* vol. 13,4 877. 19 Feb. 2021.

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