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Part of Europa Biosite

Produktinformation



Forschungsprodukte & Biochemikalien



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Diagnostik & molekulare Diagnostik



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

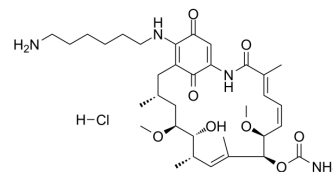
mail@szabo-scandic.com

www.szabo-scandic.com

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

Aminohexylgeldanamycin hydrochloride

Cat. No.:	HY-133571A
CAS No.:	1146534-45-3
Molecular Formula:	C ₃₄ H ₅₃ ClN ₄ O ₈
Molecular Weight:	681.26
Target:	HSP; ADC Cytotoxin
Pathway:	Cell Cycle/DNA Damage; Metabolic Enzyme/Protease; Antibody-drug Conjugate/ADC Related
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Aminohexylgeldanamycin (AHGDM) hydrochloride, a Geldanamycin derivative, is a potent HSP90 inhibitor. Aminohexylgeldanamycin hydrochloride shows antiangiogenic and antitumor activities ^[1] .
IC₅₀ & Target	HSP90
In Vitro	HPMA copolymer-aminohexylgeldanamycin conjugates target cell surface expressed GRP78 in prostate cancer ^[2] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

- [1]. Greish K, et al. Anticancer and antiangiogenic activity of HPMA copolymer-aminohexylgeldanamycin-RGDfK conjugates for prostate cancer therapy. *J Control Release.* 2011;151(3):263-270.
- [2]. Larson N, et al. HPMA copolymer-aminohexylgeldanamycin conjugates targeting cell surface expressed GRP78 in prostate cancer. *Pharm Res.* 2010;27(12):2683-2693.

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