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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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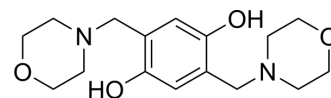
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MSX-127

Cat. No.:	HY-103009
CAS No.:	6616-56-4
Molecular Formula:	C ₁₆ H ₂₄ N ₂ O ₄
Molecular Weight:	308.37
Target:	CXCR
Pathway:	GPCR/G Protein; Immunology/Inflammation
Storage:	Powder -20°C 3 years 4°C 2 years In solvent -80°C 6 months -20°C 1 month



SOLVENT & SOLUBILITY

In Vitro

DMSO : 41.67 mg/mL (135.13 mM; Need ultrasonic)

	Solvent Concentration	Mass	1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM		3.2429 mL	16.2143 mL	32.4286 mL
	5 mM		0.6486 mL	3.2429 mL	6.4857 mL
	10 mM		0.3243 mL	1.6214 mL	3.2429 mL

Please refer to the solubility information to select the appropriate solvent.

BIOLOGICAL ACTIVITY

Description	MSX-127 is a CXCR4 antagonist. MSX-127 inhibits cancer metastasis ^[1] .
IC ₅₀ & Target	CXCR4
In Vitro	The C-X-C chemokine receptor-4 (CXCR4) is a seven trans-membrane G-protein coupled receptor (GPCR) classified as a member of the family I GPCR or rhodopsin-like GPCR family. CXCR4 plays an important role in cancer metastasis, regulation of stem cell trafficking, and neovascularization^[1]. MCE has not independently confirmed the accuracy of these methods. They are for reference only.

CUSTOMER VALIDATION

- Cell Biol Int. 2022 Jun 22.

See more customer validations on www.MedChemExpress.com

REFERENCES

[1]. Zhan W, et al. Discovery of small molecule CXCR4 antagonists. J Med Chem. 2007 Nov 15;50(23):5655-64.

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

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