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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



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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) 

MMK 1 acetate

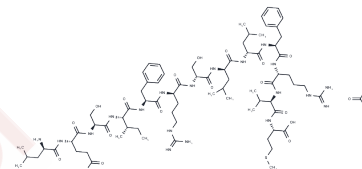
Chemical Properties

CAS No. :

Formula: C77H127N19O20S

Molecular Weight: 1671.01

Appearance: no data available

Storage: keep away from moisture
Powder: -20°C for 3 years | In solvent: -80°C for 1 year

Biological Description

Description	MMK 1 acetate is an agonist of formyl peptide receptor 2 (FPR2), which was previously known as formyl peptide receptor-like 1 (FPRL1) [1].
Targets(IC50)	Others
In vitro	MMK1 induced calcium flux in CHO cells expressing human FPR2 and Gα16 (EC50 = <2 nM) but not in CHO cells expressing Gα16 alone or in combination with FPR1 (EC50s = >10,000 nM for both). It induced chemotaxis of isolated human peripheral blood monocytes and neutrophils in a concentration-dependent manner [2]. MMK1 (10 μM) increases production of the proinflammatory cytokines IL-1β and IL-6 in isolated human monocytes [3].
In vivo	Intracerebroventricular administration of MMK1 (100 pmol/mouse) increases the percentage of time spent in the open arms of the elevated plus maze in mice, indicating anxiolytic-like activity [3].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.5984 mL	2.9922 mL	5.9844 mL
5 mM	0.1197 mL	0.5984 mL	1.1969 mL
10 mM	0.0598 mL	0.2992 mL	0.5984 mL
50 mM	0.012 mL	0.0598 mL	0.1197 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Reference

C Klein, et al. Identification of surrogate agonists for the human FPRL-1 receptor by autocrine selection in yeast. Nat. Biotechnol. 16(13)1334-1337(1998).

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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Tel:781-999-4286 E_mail:info@targetmol.com Address:36 Washington Street,Wellesley Hills,MA 02481