



SZABO SCANDIC

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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

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TAT-Gap19 acetate

Chemical Properties

CAS No. :

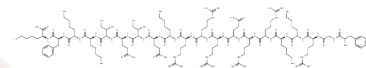
Formula: C119H212N46O26

Molecular Weight: 2703.25

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	TAT-Gap19 acetate is a specific inhibitor of connexin43 hemichannel (Cx43 HC). TAT-Gap19 acetate traverses the blood-brain barrier and alleviates liver fibrosis in mice. TAT-Gap19 acetate does not inhibit the corresponding Cx43 GJCs.
Targets(IC50)	Gap Junction Protein
In vivo	TAT-Gap19 acetate (1 mg/kg/day) showed significantly decreased collagen deposition, as well as lower amounts of α -SMA-positive cells area in mice subjected to treatment with 100-200 mg thioacetamide (TAA)/kg body weight for eight weeks[1]. In 4 months old C57Bl6 male mice, TAT-Gap19 acetate (i.v.; 55 mg/kg) produces significant immune signal in the brain 24 h later[2].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.3699 mL	1.8496 mL	3.6993 mL
5 mM	0.074 mL	0.3699 mL	0.7399 mL
10 mM	0.037 mL	0.185 mL	0.3699 mL
50 mM	0.0074 mL	0.037 mL	0.074 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

Sara Crespo Yanguas, et al. TAT-Gap19 and Carbenoxolone Alleviate Liver Fibrosis in Mice. Int J Mol Sci. 2018 Mar 12;19(3):817.

Inhibitor • Natural Compounds • Compound Libraries • Recombinant Proteins

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