



SZABO SCANDIC

Part of Europa Biosite

Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!
See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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PF-9363

Chemical Properties

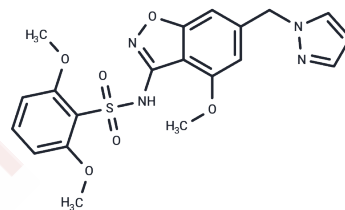
CAS No. : 2569009-58-9

Formula: C₂₀H₂₀N₄O₆S

Molecular Weight: 444.46

Appearance: no data available

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



Biological Description

Description	PF-9363 (CTX-3648) is a potent and high selective KAT6A/KAT6B inhibitor. PF-9363 can be used for the research of cancer.
Targets(IC50)	Histone Acetyltransferase
In vitro	PF-9363 (0~1 μ M; 1 day) down-regulates the expression of H3K23Ac biomarker in ZR75-1, T47D and MCF7 cells[1]. PF-9363 downregulates a specific set of genes involved in ESR1 pathway, cell cycle and stem cell pathways. The IC ₅₀ values of PF-9363 for ZR75-1 and T47D are 0.3 nM and 0.9 nM[1].
In vivo	PF-9363 exhibits strong anti-tumor activity in patient-derived xenograft models[1].

Solubility Information

Solubility	DMSO: 55 mg/ml (123.75 mM) (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.2499 mL	11.2496 mL	22.4992 mL
5 mM	0.450 mL	2.2499 mL	4.4998 mL
10 mM	0.225 mL	1.125 mL	2.2499 mL
50 mM	0.045 mL	0.225 mL	0.450 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

Shikhar S, et al. First-in-class KAT6A/KAT6B Inhibitor CTx-648 (PF-9363) Demonstrates Potent Anti-tumor Activity in ER+ Breast Cancer with KAT6A Dysregulation

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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