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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) 

TPCK

Serine protease inhibitor
Catalog No. SIH-207



Discovery through partnership | Excellence through quality

Overview

Product Name

TPCK

Description

Serine protease inhibitor

Purity

>98%

CAS No.

402-71-1

Molecular Formula

C11H13ClO3

Molecular Weight

351.85

Properties

Storage Temperature

-20°C

Shipping Temperature

Shipped Ambient

Product Type

Inhibitor

Solubility

Soluble in DMSO (>10 mg/ml) and in 10 mM in methanol and ethanol (50 mg/ml)

Source

Synthetic

Appearance

White Solid

SMILES

ClCC(=O)C(NS(=O)(=O)c1ccc(cc1)C)Cc2ccccc2

InChI

InChI=1S/C17H18ClNO3S/c1-13-7-9-15(10-8-13)23(21,22)19-16(17(20)12-18)11-14-5-3-2-4-6-14/h2-10,16,19H,11-12H2,1H3/t16-/m0/s1

InChIKey

MQUQNUAYKLCRME-INIZCTEOSA-N

Safety Phrases

Classification: Harmful. May be harmful if inhaled, swallowed or absorbed through skin.

Safety Phrases:

S22 - Do not breathe dust

S24/25 - Avoid contact with skin and eyes

S36/37/39 - Wear suitable protective clothing, gloves and eye/face protection

Risk Phrases: 37/38-41

Hazard Phrases:

H315-H318-H335

Precautionary Phrases:

P261-P280-P305 + P351 + P338

Cite This Product

TPCK (StressMarq Biosciences Inc., Victoria BC CANADA, Catalog # SIH-207)

Biological Description

Alternative Names

N-(4-Chloro-3-oxo-1-phenyl-2-butanyl)-4-methylbenzenesulfonamide

Research Areas

Cancer, Apoptosis

PubChem ID

9824

Scientific Background

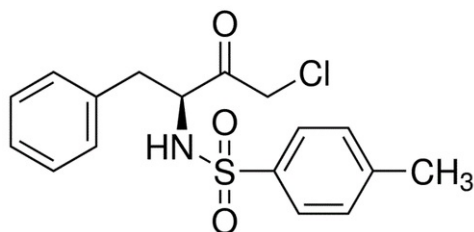
Tosyl phenylalanyl chloromethyl ketone is a protease inhibitor. It also inhibits some cysteine proteases (1).

References

1. Farrell S.O., Campbell M.K. (2006) Biochemistry. Australia: Thomson Brooks/Cole. P.160.

Product Images

Chemical structure of TPCK (SIH-207), a Serine protease inhibitor. CAS #: 402-71-1.
Molecular Formula: C₁₇H₁₈Cl₃O₃S. Molecular Weight: 351.85 g/mol.



Product Citations (0)

Currently there are no citations for this product.

Reviews

There are no reviews yet.