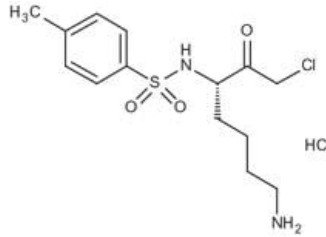


Product datasheet

TLCK (Tosyl-L-lysyl-chloromethane hydrochloride), Trypsin inhibitor ab144542

2 References

Overview

Product name	TLCK (Tosyl-L-lysyl-chloromethane hydrochloride), Trypsin inhibitor
Description	Irreversible inhibitor of trypsin and trypsin-like serine proteases
Purity	> 95%
General notes	This product has been reported to be very unstable in solutions with a pH above 6, at 25 °C.
CAS Number	4238-41-9
Chemical structure	

Properties

Chemical name	<i>N</i> -[(3 <i>S</i>)-7-Amino-1-chloro-2-oxoheptan-3-yl]-4-methylbenzenesulfonamide hydrochloride
Molecular weight	369.30
Molecular formula	C ₁₄ H ₂₁ ClN ₂ O ₃ S.HCl
PubChem identifier	73093
Storage instructions	Store at -20°C. Please see notes section. Store under desiccating conditions. The product can be stored for up to 12 months.
Solubility overview	Soluble in methanol (50mg/mL), DMSO (5mM) or water. Stock solutions up to 10mM can be prepared in aqueous buffers with pH 6.0 or lower.
Handling	Wherever possible, you should prepare and use solutions on the same day. However, if you need to make up stock solutions in advance, we recommend that you store the solution as aliquots in tightly sealed vials at -20°C. Generally, these will be useable for up to one month. Before use, and prior to opening the vial we recommend that you allow your product to equilibrate to room temperature for at least 1 hour. Refer to SDS for further information.

Need more advice on solubility, usage and handling? Please visit our [frequently asked questions \(FAQ\) page](#) for more details.

SMILES

CC1=CC=C(C=C1)S(=O)(=O)N[C@@H](CCCCN)C(=O)CCl.Cl

Source

Synthetic

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES, NOT FOR USE IN HUMANS"

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