

Specification

N α -Tosyl-L-Lysine Chloromethyl Ketone Hydrochloride (TLCK) *BioChemica*

A1799

Physical Description:	Solid
Product Code:	A1799
Product Name:	N α -Tosyl-L-Lysine Chloromethyl Ketone Hydrochloride (TLCK) <i>BioChemica</i>
Specifications:	Assay (HPLC): min. 98 % α 24°C/D; 5 %, H ₂ O: -9° - -10°
WGK:	1
Storage:	-20°C
Molecular Formula:	C ₁₄ H ₂₁ ClN ₂ O ₃ S · HCl
M:	369.31 g/mol
CAS:	4272-74-6
EINECS:	224-266-4
CS:	29420000
Bibliography (1)Shaw, E. <i>et al.</i> (1965) <i>Biochemistry</i> 4 , 2219-2224Evidence for an active center histidine in trypsin through use of a specific reagent, 1-Chloro-3-tosylamido-7-amino-2-heptanone, the Chloromethyl ketone from N α -Tosyl-L-lysine. (2)Mumford, R. <i>et al.</i> (1981) <i>Biochem Biophys. Res. Com.</i> 103 , 565-572Protease activity present in wheat germ and rabbit reticulocytes lysates. (3)Solomon, D.H. <i>et al.</i> (1985) <i>FEBS. Lett.</i> 190 , 342-344N α -tosyl-L-lysine chloromethyl ketone and N α -tosyl-L-phenylalanine chloromethyl ketone inhibit protein kinase C. (4)Marrakchi, N. <i>et al.</i> (1995) <i>Biochim. Biophys. Acta</i> 1244 , 147-156Cerastocytin, a new thrombin-like platelet activator from the venom of the tunisian viper <i>Cerastes cerastes</i> . (5)Kupfer, A. <i>et al.</i> (1979) <i>Proc. Natl. Acad. Sci. USA</i> 76 , 3073-3077Affinity labeling of the catalytic subunit of cyclic AMP-dependent protein kinase by N α -tosyl-L-lysine chloromethyl ketone.	

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