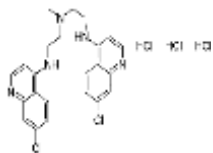


PRODUCT: Lys01 trihydrochloride

ALTERNATE NAMES: N2-(7-Chloro-4-quinolinyl)-N1-[2-[(7-chloro-4-quinolinyl)amino]ethyl]-N1-methyl-1,2-ethanediamine trihydrochloride; Lys05

CATALOG NUMBER: B2117-5,25

AMOUNT: 5 mg, 25 mg

STRUCTURE:

MOLECULAR FORMULA: C₂₃H₂₆Cl₅N₅

MOLECULAR WEIGHT: 549.75

CAS NUMBER: 1391426-24-6

APPEARANCE: Brown solid

SOLUBILITY: DMSO

PURITY: ≥98% by HPLC

STORAGE: Store at -20 °C. Protect from air and light

DESCRIPTION: Lys01 trihydrochloride (Lys05) is a potent, water-soluble lysosomal autophagy inhibitor with **IC**₅₀ values of 3.6, 3.8, 6 and 7.9 μM for 1205Lu, c8161, LN229 and HT-29 cell line in the MTT assay.

REFERENCE: McAfee, Q., *et al.* (2012). *Proc. Natl. Acad. Sci. USA* **109**, 8253-8258.

HANDLING: Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.

RELATED PRODUCTS:

Amiodarone Hydrochloride (**Cat. No. 1828-100, 500**)

Bafilomycin A1 (**Cat. No. 1829-50, 250**)

Chloroquine Sulfate (**Cat. No. 1825-100, 500**)

Hydroxychloroquine sulfate (**Cat. No. B2051-10, 50**)

Leupeptin Hemisulfate (**Cat. No. 1648-25, 50,100**)

LY 294002 (**Cat. No. 1667-5, 25**)

EZSolution™ LY 294002 (**Cat. No. 1747-5**)

Lys01 trihydrochloride (**Cat. No. B2117-5,25**)

Niclosamide (**Cat. No. 1826-100, 500**)

Pepstatin A (**Cat. No. 1732-25, 100**)

Rapamycin (**Cat. No. 1568-5, 50**)

EZSolution™ Rapamycin (**Cat. No. 1746-5**)

Rottlerin (**Cat. No. 1827-10**)

Wortmannin (**Cat. No. 1670-1**)

USAGE: **FOR RESEARCH USE ONLY! Not to be used in humans**