

N-Desmethyl Sildenafil (citrate) Biochemical

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CATALOG #
AAA227104

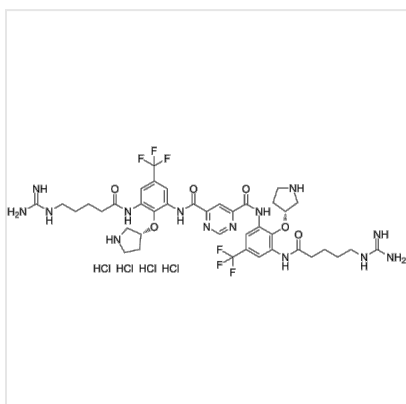
PRODUCT SYNONYMS

N-Desmethyl Sildenafil (citrate); PMX 30063 tetrahydrochloride; N-Desmethyl Sildenafil (citrate) biochemical

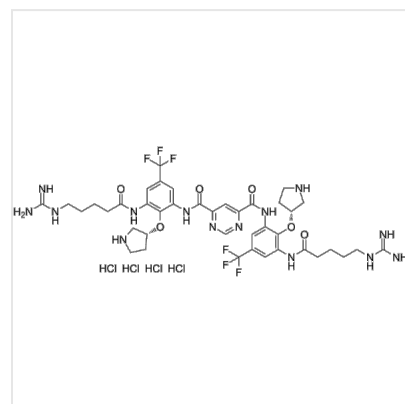
PRODUCT SPECIFICATIONS

Purity/Purification	98%
Solubility	DMF: 14 mg/mL DMSO: 10 mg/mL <1mg/ml refers to the product slightly soluble or insoluble
Preparation and Storage	Powder: -20 degree C for 3 years In solvent: -80 degree C for 2 years

IMAGES



Structure
Brilacidin tetrahydrochloride, CAS 1224095-99-1



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ADDITIONAL INFORMATION

Related Product Information for N-Desmethyl Sildenafil (citrate) biochemical	N-Desmethyl sildenafil is a major metabolite of sildenafil. N-Desmethyl sildenafil is formed via oxidative metabolism of sildenafil by the cytochrome (CYP) P450 isoforms CYP3A4, CYP3A5, and CYP3A7.
References	1. Bruk Mensa, et al. Comparative Mechanistic Studies of Brilacidin, Daptomycin, and the Antimicrobial Peptide LL16. Antimicrob Agents Chemother. 2014 Sep;58(9):5136-45. 2. Regis P Kowalski, et al. An Independent Evaluation of a Novel Peptide Mimetic, Brilacidin (PMX30063), for Ocular Anti-infective. J Ocul Pharmacol Ther. Jan-Feb 2016;32(1):23-7.

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.