

Cyclostachnine Biochemical

Cyclostachnine

CATALOG #
AAA226837

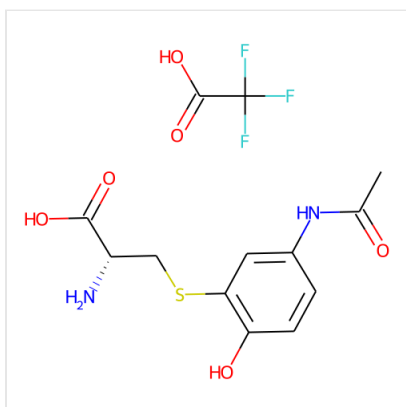
PRODUCT SYNONYMS

Cyclostachnine; APAP-Cys; 3-(cysteine-S-yl)acetaminophen; Cyclostachnine biochemical

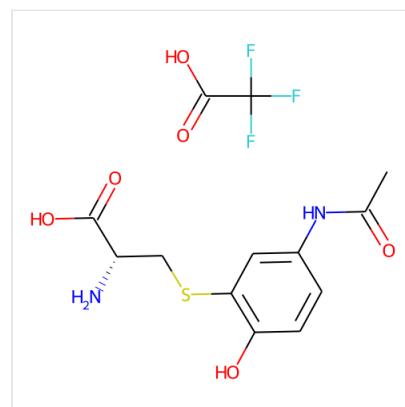
PRODUCT SPECIFICATIONS

Purity/Purification	98%
Solubility	<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

3-Cysteinyllacetaminophen (trifluoroacetate salt), CAS 1331891-93-0


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ADDITIONAL INFORMATION

References

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1. Yoon, E., Babar, A., Choudhary, M., et al. Acetaminophen-induced hepatotoxicity: A comprehensive update. J. Clin. Transl. Hepatol. 4(2), 131-142 (2016). href="javascript:void(0)" >
2. Stern, S.T., Bruno, M.K., Horton, R.A., et al. Contribution of acetaminophen-cysteine to acetaminophen nephrotoxicity II. Possible involvement of the gamma-glutamyl cycle. Toxicol. Appl. Pharmacol. 202(2), 160-171 (2005). href="javascript:void(0)" >
3. Heard, K., Green, J.L., Anderson, V., et al. Paracetamol (acetaminophen) protein adduct concentrations during therapeutic dosing. Br. J. Clin. Pharmacol. 81(3), 562-568 (2016). href="javascript:void(0)" >
4. O'Malley, G.F., Mizrahi, F., Giraldo, P., et al. Protein-derived acetaminophen-cysteine can be detected after repeated supratherapeutic ingestion of acetaminophen in the absence of hepatotoxicity. J. Med. Toxicol. 11(3), 317-320 (2015).

NCBI AND UNIPROT INFORMATION

Molecular Weight	384.3
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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.

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Online datasheet: <https://www.aaabiotech.com/biochemical/cyclostachnine/226837>