

Squarunkin A hydrochloride Biochemical

Squarunkin A hydrochloride

CATALOG #
AAA227314

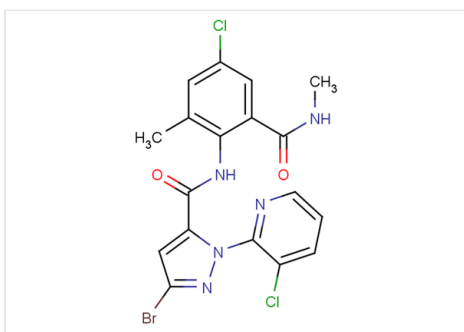
PRODUCT SYNONYMS

Squarunkin A hydrochloride; Chlorantraniliprole; Rynaxypyr; Rynaxpyr; Squarunkin A hydrochloride biochemical

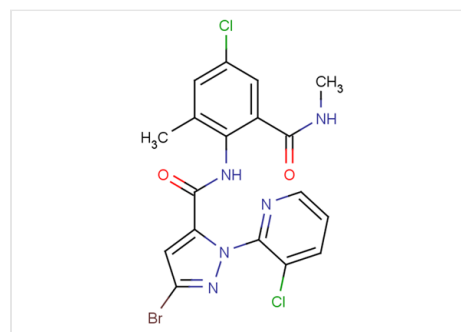
PRODUCT SPECIFICATIONS

Purity/Purification	98%
Solubility	DMSO: Soluble <1mg/ml refers to the product slightly soluble or insoluble
In vitro	Squarunkin A (2.5 uM, 0.625 uM, 0.078 uM, and 0.01 uM) treatment leads to a concentration-dependent reduction of Src phosphorylation [1]. Squarunkin A does not target the lipoprotein-binding sites of other lipoprotein chaperones, such as PDE6d, AIPL1, and RhoGDI, which bind S-prenylated proteins. Squarunkin A binds to UNC119 in cell lysate and interferes with Src activation [1].
Preparation and Storage	Powder: -20 degree C for 3 yearsIn solvent: -80 degree C for 2 years

IMAGES



Structure
Chlorantraniliprole, CAS 500008-45-7



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ADDITIONAL INFORMATION

Related Product Information for Squarunkin A hydrochloride biochemical	Squarunkin A hydrochloride is a potent and selective UNC119-cargo interaction inhibitor (IC 50 of 10 nM for inhibiting the UNC119A-myristoylated Src N-terminal peptide interaction). Squarunkin A hydrochloride interferes with the activation of Src kinase in cells [1].
Product Categories/Family for Squarunkin A hydrochloride biochemical	Others

NCBI AND UNIPROT INFORMATION

Molecular Weight	483.15
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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/squarunkin-a-hydrochloride/227314>