

ROC-0929 Biochemical

ROC-0929

CATALOG #
AAA227436

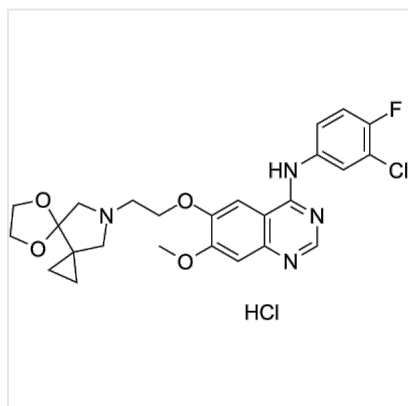
PRODUCT SYNONYMS

ROC-0929; ROC-0929 biochemical

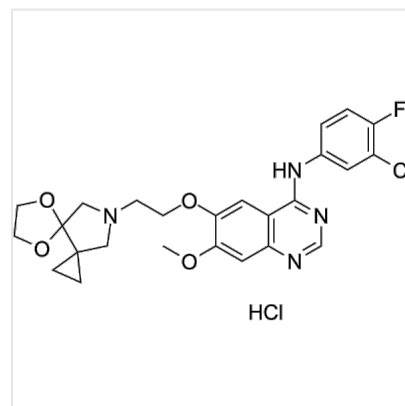
PRODUCT SPECIFICATIONS

Purity/Purification	98%
CAS	1048660-43-0
Targets&IC50	hGX:80 nM
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
Simotinib hydrochloride, CAS 1538617-88-7



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ADDITIONAL INFORMATION

Related Product Information for ROC-0929 biochemical

ROC-0929 (compound 13a) is a potent and selective inhibitor of secreted phospholipases A₂ (sPLA₂s) with an IC₅₀ of 80 nM, specially targeting hGX. ROC-0929 inhibits the phosphorylation of ERK1/2 and p-38. Secreted phospholipases A₂ (sPLA₂s) are a family of disulfide-rich, Ca²⁺-dependent enzymes that hydrolyze the sn-2 position of glycerophospholipids to release a fatty acid and a lysophospholipid. ROC-0929 has the potential for researching inflammation related diseases.

References

1. Hu XS, et al. Safety, tolerability, and pharmacokinetics of simotinib, a novel specific EGFR tyrosine kinase inhibitor, in patients with advanced non-small cell lung cancer: results of a phase Ib trial. Cancer Manag Res. 2019;11:4449-4459. Published 2019 May 13.

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.

