

Rhod-FF (potassium salt) Biochemical

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CATALOG #
AAA227154

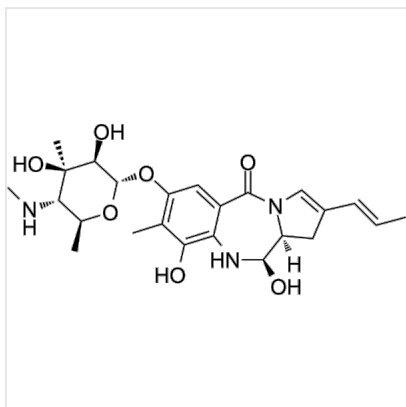
PRODUCT SYNONYMS

Rhod-FF (potassium salt); Rhod-FF (potassium salt) biochemical

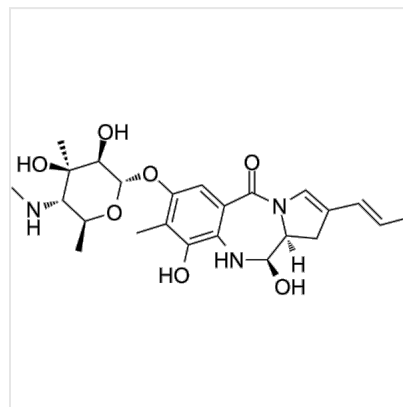
PRODUCT SPECIFICATIONS

Purity/Purification	98%
Solubility	H ₂ O: Soluble <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
Sibiromycin, CAS 12684-33-2



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ADDITIONAL INFORMATION

Related Product Information for Rhod-FF (potassium salt) biochemical	Rhod-FF is a difluorinated analog of the cell-impermeant calcium indicator rhod-2. It has a very low affinity for calcium ($K_d = 320 \mu\text{M}$). Low affinity calcium indicators are particularly useful for studying compartments with high concentrations of calcium, such as endoplasmic reticulum, where high affinity dyes will be insensitive to luminal fluctuations. Rhod-FF has excitation/emission maxima of approximately 552 and 580 nm, respectively.
References	- Gerratana B. Biosynthesis, synthesis, and biological activities of pyrrolobenzodiazepines. Med Res Rev. 2012;32(2):254-293. - Li W, et al. Biosynthesis of sibiromycin, a potent antitumor antibiotic. Appl Environ Microbiol. 2009;75(9):2869-2878.

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.