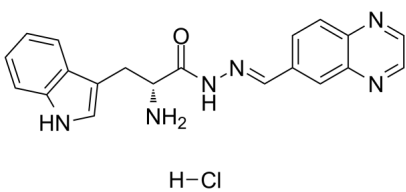


Certificate of Analysis

Catalog Number	BP10336
Product Name	Rhosin hydrochloride

Physical and Chemical Properties

CAS No.	1281870-42-5
Chemical Formula	C ₂₀ H ₁₉ ClN ₆ O
Molecular Weight	394.86
Solubility	DMSO: 100 mg/mL (253.25 mM), Need ultrasonic
Storage	Powder: -20°C for 2 years In solvent: -80°C for 1 year
Chemical Structure OR Tested Image	 <p>H-Cl</p>

Product Information

Description	<p>Rhosin hydrochloride is an effective and specific RhoA subfamily Rho GTPases inhibitor, which specifically binds to RhoA to inhibit RhoA-GEF interaction (K_d: ~ 0.4 uM). Rhosin hydrochloride does not interact with Cdc42 or Rac1, nor the GEF, LARG. Rhosin hydrochloride causes cell apoptosis.</p>
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Targets&IC50	RhoA: (kd)0.4 uM
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Analytical Data

HPLC	Shows Min >99% purity
H-NMR	Consistent with structure
Stability and Solubility Advice	Information on product stability, especially in solution, has rarely been reported and in most cases we can only provide a general guideline. We recommend that once the stock solution has been prepared, it be stored in equal quantities in sealed vials and used within 1 month. Avoid repeated freezing and thawing cycles. Storage conditions for some special products should be referred to their storage details.

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