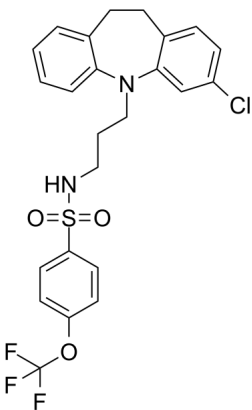


Certificate of Analysis

Catalog Number	BP10505
Product Name	RTC-5

Physical and Chemical Properties

CAS No.	1423077-49-9
Chemical Formula	C ₂₄ H ₂₂ ClF ₃ N ₂ O ₃ S
Molecular Weight	510.96
Solubility	DMSO: 15 mg/mL (29.36 mM), Need ultrasonic
Storage	Powder: -20°C for 2 years In solvent: -80°C for 1 year
Chemical Structure OR Tested Image	

Product Information

Description	RTC-5 demonstrated efficacy against a xenograft model of an EGFR driven cancer without the neurotropic effects exhibited by the parent molecules. Its effects were attributed to concomitant negative regulation of PI3K-AKT and RAS-ERK signaling
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Targets&IC50	EGFR:
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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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