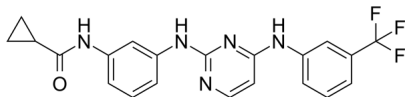


Certificate of Analysis

Catalog Number	BP13035
Product Name	Aurora kinase inhibitor-3

Physical and Chemical Properties

Synonyms	Aurora Kinase Inhibitor III
CAS No.	879127-16-9
Chemical Formula	C ₂₁ H ₁₈ F ₃ N ₅ O
Molecular Weight	413.404
Solubility	DMSO: 50 mg/mL (120.9 mM)
Storage	Powder: -20°C for 2 years In solvent: -80°C for 1 year
Chemical Structure OR Tested Image	

Product Information

Description	Aurora kinase inhibitor III is a potent inhibitor of Aurora A kinase (IC ₅₀ = 42 nM). ¹ It is selective for Aurora A over BMX, BTK, IGF-1R, c-Src, TRKB, SYK, and EGFR.
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Targets&IC50	Aurora A:42 nM
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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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