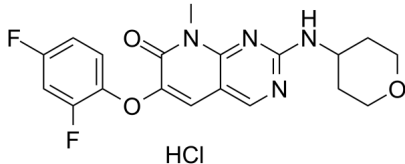


## Certificate of Analysis

Catalog Number	BP12666
Product Name	R1487 Hydrochloride

## Physical and Chemical Properties

Synonyms	R1487 (Hydrochloride)
CAS No.	449808-64-4
Chemical Formula	C <sub>19</sub> H <sub>19</sub> ClF <sub>2</sub> N <sub>4</sub> O <sub>3</sub>
Molecular Weight	424.83
Solubility	DMSO: 20.83 mg/mL (49.03 mM)
Storage	Powder: -20°C for 2 years In solvent: -80°C for 1 year
Chemical Structure OR Tested Image	

## Product Information

Description	R1487 (Hydrochloride) is an orally bioavailable and highly selective inhibitors of p38α.
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Targets&IC50	p38β:29 nM (Kd), p38α:0.2 nM (Kd)
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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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