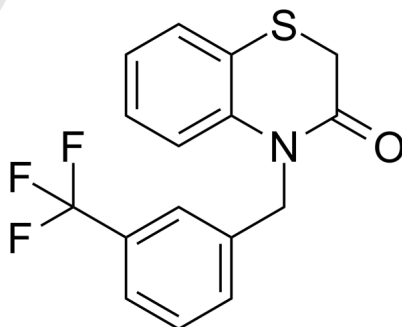


Certificate of Analysis

Catalog Number	BP16107
Product Name	NS6180

Physical and Chemical Properties

CAS No.	353262-04-1
Chemical Formula	C ₁₆ H ₁₂ F ₃ NOS
Molecular Weight	323.33
Solubility	DMSO: 100 mM
Storage	Powder: -20°C for 2 years In solvent: -80°C for 1 year
Chemical Structure OR Tested Image	

Product Information

Description	NS6180 is a potent and selective KCa3.1 channel inhibitor (IC ₅₀ = 9 nM). It prevents T-cell activation and inflammation.
Targets&IC ₅₀	KCa3.1 channel: 9 nM

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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