

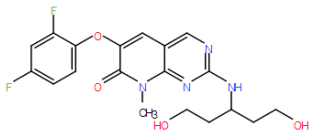
Certificate of Analysis

Target	Inhibitors & Agonists>>Ras-Raf-MAPK-ERK>>p38 MAPK
Cat.No	DC9681
Name	Pamapimod (R-1503)

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Chemical Properties

CAS	449811-01-2
Formula	C ₁₉ H ₂₀ F ₂ N ₄ O ₄
MW	406.38
Storage	2 years -20°C Powder, 2 weeks 4°C in DMSO, 6 months -80°C in DMSO
Structure	 <p>The chemical structure of Pamapimod (R-1503) is a complex heterocyclic molecule. It features a central pyrimidopyrimidine ring system. One nitrogen atom in the ring is substituted with a methyl group (CH₃), and another nitrogen atom is substituted with a 2-hydroxyethyl group (-CH₂CH₂OH). A third nitrogen atom is substituted with a 2-(2,4-difluorophenoxy)ethyl group (-CH₂CH₂O-C₆H₃(F)₂). The structure is shown with various atoms color-coded: carbon in grey, hydrogen in white, fluorine in green, nitrogen in blue, oxygen in red, and methyl groups in black.</p>
Purity	>98%

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