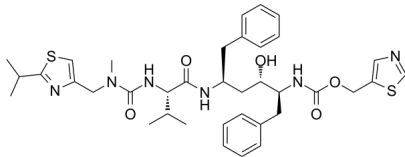


Certificate of Analysis

Catalog Number	BP10646
Product Name	Ritonavir

Physical and Chemical Properties

Synonyms	ABT 538, RTV, Abbott 84538, A 84538
CAS No.	155213-67-5
Chemical Formula	C ₃₇ H ₄₈ N ₆ O ₅ S ₂
Molecular Weight	720.95
Solubility	DMSO: 14.4 mg/mL (20 mM)), with gentle warming Ethanol: 7.2 mg/mL (10 mM)
Storage	Powder: -20°C for 2 years In solvent: -80°C for 1 year
Chemical Structure OR Tested Image	

Product Information

Description	Ritonavir is a peptidomimetic agent that inhibits both HIV-1 and HIV-2 proteases. Ritonavir is highly inhibited by serum proteins but boosts the effect of other HIV proteases by blocking their degradation by cytochrome P450.
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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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