

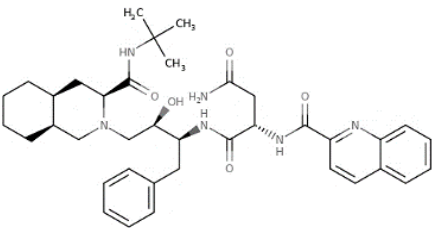
Saquinavir

Catalog No. HRP-4658

This reagent is the property of the U.S. Government.

Product Description:

Saquinavir (brand names: Invirase® and Fortovase®) is an inhibitor of human immunodeficiency virus (HIV) protease. It is a peptide-like substrate analog that binds to the protease active site and inhibits the activity of the enzyme. Saquinavir inhibition prevents cleavage of the viral polyproteins resulting in the formation of immature noninfectious virus particles.

CAS Number	127779-20-8
Chemical Name	N-tert-butyl-decahydro-2-[2(R)-hydroxy-4-phenyl-3(S)-[N-(2-quinolincarbonyl)-L-asparaginyl]amino]butyl]-(4aS,8aS)-isoquinoline-3(S)-carboxamide
Formula	C ₃₈ H ₅₀ N ₆ O ₅
Molecular Weight	670.84
Structure	

Lot: 70067168

Receipt Date: 10APR2024

All information below was provided on 26JAN2023 by Biosynth International, Inc. for the bulk material (Biosynth International, Inc. lot 614981551).

TEST	SPECIFICATIONS	RESULTS
Appearance	Report results	White powder
Content per Vial	Report results	20.0 mg ± 0.3 mg
NMR	Spectrum consistent with structure	Spectrum consistent with structure
Purity (¹ H-NMR)	≥ 95%	> 95%

/Kenneth R. Crawford/

Kenneth R. Crawford

03 JUN 2024

Lead Technical Writer or designee, ATCC Federal Solutions

ATCC®, on behalf of BEI Resources, hereby represents and warrants that the material provided under this certificate has been subjected by ATCC® and the contributor to the tests and procedures specified and that the results described, along with any other data provided in this certificate, are true and accurate to the best of ATCC®'s knowledge.

ATCC® is a trademark of the American Type Culture Collection.

You are authorized to use this product for research use only. It is not intended for human use.

