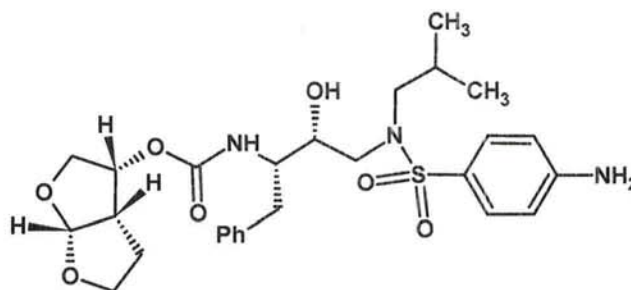


Certificate of Analysis

Product Name:	Compound 13 Darunavir
Product Number:	
Lot Number:	C13-040215-2
Amount:	0.5 g
Chemical Name:	[(1S,2R)-3-[[[4-aminophenyl]sulfonyl](2-methylpropyl)amino]-2-hydroxy-1-(phenylmethyl)propyl]-carbamic acid (3R,3aS,6aR)-hexahydrofuro[2,3-b]furan-3-yl ester
CAS Number:	20631-99-1
Chemical Formula:	C ₂₇ H ₃₇ N ₃ O ₇ S
Molecular Weight:	547.66 g/mole

Structure:



Compound 13, Darunavir

Appearance:	Off-white glassy solid
Purity (HPLC-UV₂₅₄):	97%
Mp (°C, uncorrected)	77-78 °C
NMR (CDCl₃)	Consistent with expected structure
LRMS (ESI+)	Consistent with molecular formula
Solubility:	EtOAc, DCM, ethanol
TLC (Silica gel 60 F₂₅₄)	NA
Storage:	2-8 °C, protect from light and moisture

Certified by:



Chief Operating Officer

Date:

4/8/15