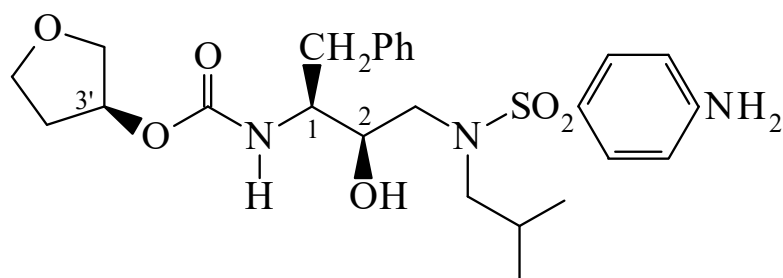




>> **Name: Amprenavir**, INN

Synonym(s): Tetrahydro-3-furanyl [3-[[[4-aminophenyl)sulfonyl](2-methylpropyl)amino]-2-hydroxy-1-(phenylmethyl)propyl]carbamate, 9Cl. Agenerase. K VX 478. 141W94. VX 478



CAS Registry Number: 161814-49-9

Related CAS Registry Numbers(s): 160231-70-9

Molecular Formula: C₂₅H₃₅N₃O₆S

Molecular Weight: 505.634

Accurate Mass: 505.224657

Percentage Composition: C 59.39%; H 6.98%; N 8.31%; O 18.99%; S 6.34%

Biological Use/Importance: HIV-1 protease inhibitor. Antiviral agent

Physical Description: Solid

Development Status: Launched 1999 (US)

Other Data: Stereochem. is (1*S*,2*R*,3'*S*)

>>**Derivative:** 2-Phosphate

Synonym(s): Fosamprenavir, INN

CAS Registry Number: 226700-79-4

Extra CAS Registry Numbers(s): 226700-80-7

Molecular Formula: C₂₅H₃₆N₃O₉PS

Molecular Weight: 585.614

Accurate Mass: 585.190989

Percentage Composition: C 51.28%; H 6.20%; N 7.18%; O 24.59%; P 5.29%; S 5.48%

Biological Use/Importance: Aspartyl protease and HIV protease inhibitor. Antiviral agent

Physical Description: Characterised by ms

>>**Derivative:** 2-Phosphate, Ca salt

Synonym(s): Fosamprenavir calcium, USAN. GW 433908G

CAS Registry Number: 226700-81-8

Physical Description: Microcryst. needles (EtOH aq.)

Melting Point: Mp 282-284 dec.°

References:

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