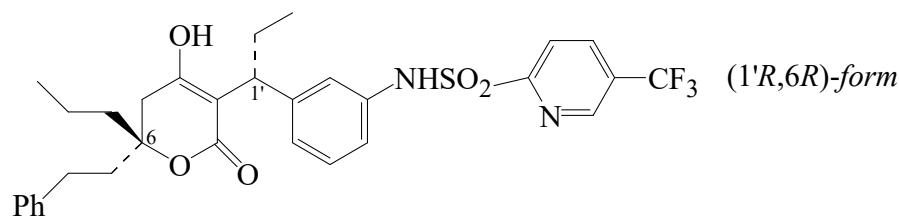




>>Entry Name: **Tipranavir**, INN

Synonym(s): *N*-[3-[1-[5,6-Dihydro-4-hydroxy-2-oxo-6-(2-phenylethyl)-6-propyl-2*H*-pyran-3-yl]propyl]phenyl]-5-(trifluoromethyl)-2-pyridinesulfonamide, 9Cl. PNU 140690



CAS Registry Number: 174484-81-2

Related CAS Registry Numbers(s): 174484-42-5 174590-26-2 174590-27-3

Molecular Formula: C₃₁H₃₃F₃N₂O₅S

Molecular Weight: 602.673

Accurate Mass: 602.206227

Percentage Composition: C 61.78%; H 5.52%; F 9.46%; N 4.65%; O 13.27%; S 5.32%

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

>>Variant: (1'*R*,6*R*)-form

CAS Registry Number: 174484-41-4

Molecular Formula: C₃₁H₃₃F₃N₂O₅S

Molecular Weight: 602.673

Accurate Mass: 602.206227

Percentage Composition: C 61.78%; H 5.52%; F 9.46%; N 4.65%; O 13.27%; S 5.32%

Physical Description: Foam

Optical Rotation: [α]_D +22 (c, 2 in MeOH)

>>Derivative: Di-Na salt

Synonym(s): **Tipranavir disodium**, USAN

CAS Registry Number: 191150-83-1

References:

- Pat. Coop. Treaty (WIPO)*, 1995, *Upjohn*, 95 30 670; *CA*, **124**, 232245r, (*synth, pharmacol*)
Thaisrivongs, S. *et al.*, *J. Med. Chem.*, 1996, **39**, 4349-4353, (*synth, pharmacol*)
Poppe, S.M. *et al.*, *Antimicrob. Agents Chemother.*, 1997, **41**, 1058-1063, (*pharmacol*)
Judge, T.M. *et al.*, *J.A.C.S.*, 1997, **119**, 3627-3628, (*synth*)
Wroblewski, T. *et al.*, *Drugs of the Future*, 1998, **23**, 146-151, (*rev*)
Aristoff, P.A., *Drugs of the Future*, 1998, **23**, 995-999, (*rev*)