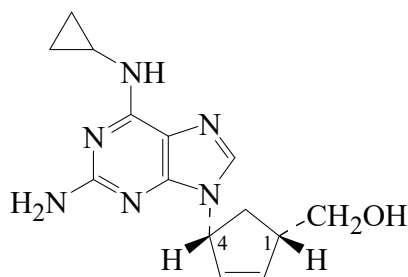




>> **Abacavir**, BAN, INN



(1*S*,4*R*)-*form*

4-[2-Amino-6-(cyclopropylamino)-9*H*-purin-9-yl]-2-cyclopentene-1-methanol, 9Cl. Ziagen. 1592 U89 BRG24-L

Classification:XA1625 XA2400

C₁₄H₁₈N₆O M 286.336. 286.154209. C 58.73%; H 6.34%; N 29.35%; O 5.59%

HIV reverse transcriptase inhibitor. Antiviral agent. Shows anti-HIV activity. Launched 1999 (US). Mp 125-130 dec.°. [α]_D²⁰ -27.1 (c, 0.2 in MeOH)

>> **(1*S*,4*R*)-form**. BRY06-T [136470-78-5]

C₁₄H₁₈N₆O M 286.336. 286.154209. C 58.73%; H 6.34%; N 29.35%; O 5.59%

Foam or gum. [α]_D²⁴ -37.5 (c, 0.51 in MeOH). [α]_D²⁰ -59 (c, 0.28 in MeOH). Pharmacol. active isomer

>> **Hydrochloride**: CLY12-N [136777-48-5] Mp 125-130° (dec.). [α]_D²⁰ -27.1 (c, 0.2 in MeOH)

>> **Hydrochloride (1:2)**: CLY13-O [136777-49-6] Mp 176-180 dec.°

>> **Succinate salt: Abacavir succinate**, USAN . CLY21-P [168146-84-7] Cryst. + 0.5H₂O (H₂O). Mp 168-169°. [178034-51-0]

>> **Sulfate (2:1): Abacavir sulfate**, USAN. Ziagen. JGS99-E [188062-50-2] Classification:XA1625 XA2400. Antiviral agent

>> **O-Ac**: BRY07-U [178456-36-5] C₁₆H₂₀N₆O₂ M 328.373. 328.164774. C 58.52%; H 6.14%; N 25.59%; O 9.74%. [α]_D²⁴ -41 (c, 0.39 in CH₂Cl₂)

>> **(1*R*,4*S*)-form**. CLY22-Q [136470-79-6]

C₁₄H₁₈N₆O M 286.336. 286.154209. C 58.73%; H 6.34%; N 29.35%; O 5.59%

Foam. [α]_D²⁰ +58.7 (c, 0.1 in MeOH)

>> **(1*R*,4*SR*)-form**. CLY33-U [128131-83-9]

C₁₄H₁₈N₆O M 286.336. 286.154209. C 58.73%; H 6.34%; N 29.35%; O 5.59%

Powder (MeCN). Mp 165° (softens 93-130°)