**PRODUCT INFORMATION**

(±)-4-hydroxy Propranolol β-D-Glucuronide

Item No. 22383

CAS Registry No.: 94731-13-2
Formal Name: 4-[2-hydroxy-3-[(1-methylethyl)amino]propoxy]-1-naphthalenyl β-D-glucopyranosiduronic acid
MF: C_{22}H_{29}NO_{9}
FW: 451.5
Purity: ≥ 90%
Supplied as: A solid
Storage: 2-8°C
Stability: ≥ 2 years

Information represents the product specifications. Batch specific analytical results are provided on each certificate of analysis.

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**Description**

(±)-4-hydroxy Propranolol β-D-glucuronide is a metabolite of (±)-4-hydroxy propranolol (Item No. 18630), which is a metabolite of propranolol. The apparent half-life of (±)-4-hydroxy propranolol β-D-glucuronide is similar to propranolol and 4-hydroxy propranolol. Propranolol is a β-adrenergic antagonist, and the active enantiomer, (S)-(−)-propranolol (Item No. 17291), has log \( K_d \) values of -8.16, -9.08, and -6.93 for \( \beta_1 \), \( \beta_2 \), and \( \beta_3 \), respectively.

**References**