

Product Data Sheet

Product Name: Raloxifene 6-Glucuronide

Cat. No.: GC44805

Chemical Properties

Cas. No. 174264-50-7

SMILES OC(C=C1)=CC=C1C2=C(C(C3=CC=C(OCCN4CCCCC4)C=C3)=O)C5=CC=C(O[C@H]6[C@H](O)[C@@H](O)[C@H](O)[C@@H](C(O)=O)O6)C=C5S2

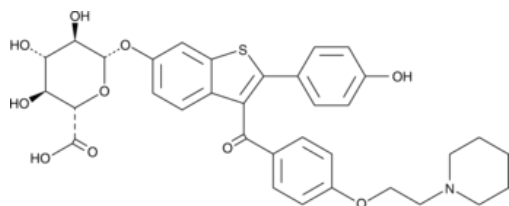
Formula C₃₄H₃₅NO₁₀S M.Wt 649.7

Solubility Soluble in DMSO Storage Store at -20°C

General tips For obtaining a higher solubility , please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution : ship with blue ice All other available size: ship with RT , or blue ice upon request.

Structure



Background

Raloxifene 6-glucuronide is a metabolite of the selective estrogen receptor modulator raloxifene . It is formed from raloxifene via the UDP-glucuronosyltransferase (UGT) isoforms UGT1A1 and UGT1A8. It binds to the estrogen receptor with an IC₅₀ value of 290 nM. Unlike raloxifene, raloxifene 6-glucuronide does not inhibit the voltage-gated potassium channel Kv4.3.

Caution: Product has not been fully validated for medical applications. For research use only.

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