Morphine 3-β-D-Glucuronide

Product Number M 6886
Store at Room Temperature

CAS® 20290-09-9
Synonyms: M3G; (5α,6α)-7,8-Didehydro-4,5-epoxy-6-hydroxy-17-methylmorphinan-3-yl-β-D-glucopyranosiduronic acid

Product Description

![Morphine 3-β-D-Glucuronide structure]

Molecular Formula: C₂₃H₂₇NO₉
Molecular Weight: 461.5 (anhydrous)

Morphine 3-β-D-Glucuronide is a major metabolite of morphine, which has been shown to antagonize the analgesic and antinociceptive effects of morphine and morphine 6-β-D-glucuronide.

Precautions and Disclaimer

This product is for R&D use only, not for drug, household, or other uses. Please consult the Material Safety Data Sheet for information regarding hazards and safe handling practices.

Preparation Instructions

The product is soluble in dilute, aqueous acid (>20 mg/ml), methanol (>14 mg/ml), or water (4 mg/ml).

Storage/Stability

Store the product at room temperature protected from light.

References