2'-hydroxy Cocaine
Item No. 20062

CAS Registry No.: 89339-17-3
Formal Name: (1R,2R,3S,5S)-3-[(2-hydroxybenzoyl)oxy]-8-methyl-8-azabicyclo[3.2.1]octane-2-carboxylic acid, methyl ester
Synonyms: Cocaine metabolite, α-hydroxy Cocaine, ortho-hydroxy Cocaine, Salicylmethylecgonine
MF: C_{17}H_{21}NO_{5}
FW: 319.4
Purity: ≥98%
Supplied as: A neat solid
Storage: -20°C
Stability: ≥5 years

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

Description

2'-hydroxy Cocaine (Item No. 20062) is an analytical reference standard that is structurally categorized as a tropane. It is an active metabolite of cocaine (Item Nos. ISO60176 | 16186) that has 10-fold greater binding potency for the dopamine transporter than the parent compound).\(^1\)-\(^3\) This product is intended for research and forensic applications.

This product is a qualified Reference Material (RM) that has been manufactured and tested to meet ISO/IEC 17025 and ISO Guide 34 guidelines. These materials are tested using validated analytical methods on qualified instrumentation to ensure traceability of measurements. All traceable RMs may be distinguished by their CofAs and can be downloaded using the batch number located on the product label. For a representative CofA please contact our technical support.

References