

Product Data Sheet

Product Name: Kratom Alkaloids Mixture

Cat. No.: GC52319

Chemical Properties

Cas. No.

Formula

M.Wt 0

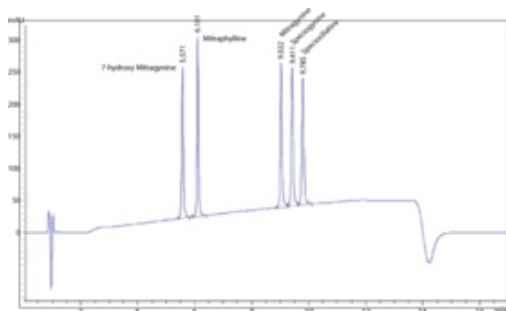
Solubility

Storage -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

Kratom alkaloids mixture is a mixture of analytical reference standards containing alkaloids found in *M. speciosa* (Kratom in Thai).¹ The mixture contains the opioids mitragynine and 7-hydroxy mitragynine, as well as mitraphylline, speciogynine, and speciociliatine, which are structurally similar to known opioids. The mixture is supplied in an amber ampule in which the headspace has been purged with argon. It is designed for use in methods development and as a reference standard for these substances during routine analytical checks using HPLC or LC-MS instrumentation. This product is intended for research and forensic applications.

1. Basiliere, S., and Kerrigan, S. Identification of metabolites and potential biomarkers of kratom in urine. *J. Chromatogr. B Analyt. Technol. Biomed. Life Sci.* 1140121971 (2020)

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

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