

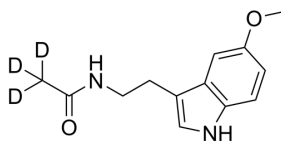
Melatonin-d₃

Cat. No.: HY-B0075S1
CAS No.: 90735-69-6
Batch No.: 241383
Chemical Name: Acetamide-2,2,2-d₃, N-[2-(5-methoxy-1H-indol-3-yl)ethyl]-

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: C₁₃H₁₃D₃N₂O₂
Molecular Weight: 235.30
Storage: Powder -20°C 3 years
 4°C 2 years
 In solvent -80°C 6 months
 -20°C 1 month

Chemical Structure:



ANALYTICAL DATA

Appearance: Pale purple to purple (Solid)
¹H NMR Spectrum: Consistent with structure
LCMS: Consistent with structure
Purity (LCMS): 99.81%
Isotopic Enrichment: D₃=57.6%, D₂=41.9%, D₁=0.3%, D₀=0.2%
Conclusion: The product has been tested and complies with the given specifications.

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA