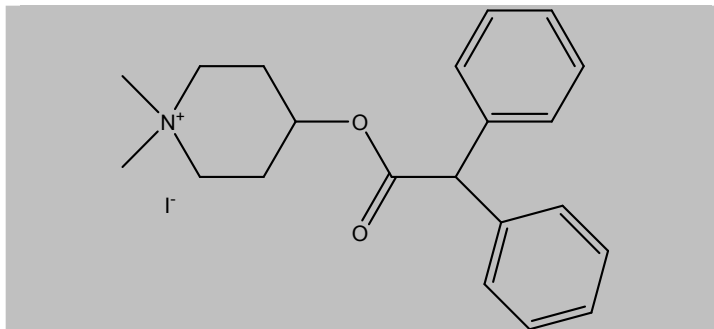


Certificate Of Analysis
Quality Control Testing and Research ApplicationCOA Preparation Date: 07/10/2013
COA Revision Date: 07/10/2016

Product: 4-DAMP
Cat. No.: BN0026
Batch No.: 0026BN/01
Chemical Name: 1,1-Dimethyl-4-diphenylacetoxypiperidinium iodide

1. PHYSICAL AND CHEMICAL PROPERTIES

Batch Molecular Formula: C₂₁H₂₆INO₂
Batch Molecular Weight: 451.34
CAS No.: [1952-15-4]
Physical Appearance: White crystalline solid
Melting Point: 211 - 213° C
Solubility: Soluble to 100 mM in DMSO
Storage: RT
Batch Molecular Structure:



Product Description: Muscarinic M₃ receptor antagonist. [³H]-4-DMAP selectively labels M₁ and M₃ receptors.

References: 1. Hulme et al. (1990) Annu Rev Pharmacol Toxicol 30:633; 2. Michel et al. (1999) Eur J Pharmacol 166:459

- CAUTION - Not fully tested. For Research use only. Not for human use. -



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BN0026 4-DAMP

2. ANALYTICAL DATA

HPLC: corresponds to the reference

MS: corresponds to the reference

Tests: HPLC Assay: > 99% (complies).

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