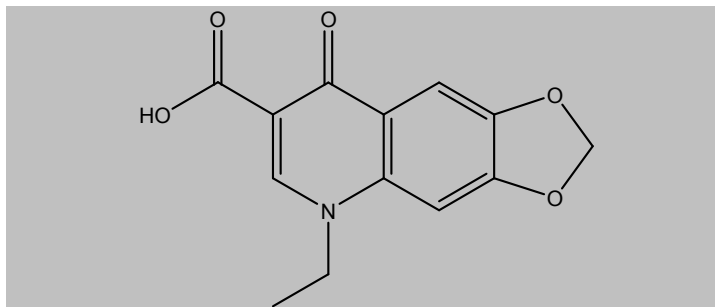


Certificate Of Analysis
Quality Control Testing and Research ApplicationCOA Preparation Date: 14/03/2016
COA Revision Date: 14/03/2019

Product: Oxolinic acid
Cat. No.: BN0853
Batch No.: 0853BN/01
Chemical Name: 5-Ethyl-8-oxo-5,8-dihydro-[1,3]dioxolo[4,5-g]quinoline-7-carboxylic acid

1. PHYSICAL AND CHEMICAL PROPERTIES

Batch Molecular Formula: C₁₃H₁₁NO₅
Batch Molecular Weight: 261.23
CAS No.: [14698-29-4]
Physical Appearance: White to off-white solid
Melting Point:
Solubility: Soluble to 100 mM in DMSO or in ethanol
Storage: RT
Batch Molecular Structure:



Product Description: A quinolone antibiotic that inhibits DNA gyrase. It also acts as a dopamine reuptake inhibitor and has stimulant effects in mice.

References: 1. Gleckman et al. (1979) Am J Hosp Pharm 36:1077; 2. Garcia de Mateos-Verchere (1998) Eur Neuropsychopharmacol 8:255

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



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BN0853 Oxolinic acid

2. ANALYTICAL DATA

HPLC: corresponds to the reference

MS: corresponds to the reference

Tests: HPLC Assay: $\geq 98\%$ (complies).

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