Product Name: BMS 195614  
Catalog No.: 3660  
Batch No.: 2  
CAS Number: 182135-66-6  
IUPAC Name: 4-[[5,6-Dihydro-5,5-dimethyl-8-(3-quinolinyl)-2-naphthalenyl]carbonyl]amino]benzoic acid

1. PHYSICAL AND CHEMICAL PROPERTIES

Batch Molecular Formula: C_{29}H_{24}N_{2}O_{3}.\frac{1}{2}H_{2}O  
Batch Molecular Weight: 457.52  
Physical Appearance: Off-white solid  
Solubility: DMSO to 25 mM  
Storage: Store at -20°C  
Batch Molecular Structure:

2. ANALYTICAL DATA

TLC: R_f = 0.87 (Pyridine:Acetic acid:Water:Butanol [3:8:11:198])  
HPLC: Shows 98.5% purity  
\textsuperscript{1}H NMR: Consistent with structure  
Mass Spectrum: Consistent with structure  
Microanalysis: Carbon Hydrogen Nitrogen  
Theoretical: 76.13 5.51 6.12  
Found: 76.2 5.45 6.22

Caution - Not Fully Tested • Research Use Only • Not For Human or Veterinary Use
Product Information

Product Name: BMS 195614  
Catalog No.: 3660  
Batch No.: 2

CAS Number: 182135-66-6  
IUPAC Name: 4-[[5,6-Dihydro-5,5-dimethyl-8-(3-quinolyl)-2-naphthalenyl]carbonyl]amino]benzoic acid

Description: Neutral retinoic acid receptor (RAR) α-selective antagonist (Kᵢ = 2.5 nM). Displays no significant effect on nuclear receptor corepressor (NCoR) binding; moderately decreases SMRT binding to RAR. Antagonizes agonist-induced coactivator (CoA) recruitment.

Physical and Chemical Properties:
Batch Molecular Formula: C₂₉H₂₄N₂O₃.½H₂O  
Batch Molecular Weight: 457.52  
Physical Appearance: Off-white solid  
Minimum Purity: >98%

Storage: Store at -20°C  
CAUTION - This product is light sensitive and we recommend that the solid material and any solutions obtained are protected from exposure to light.

Solubility & Usage Info:
DMSO to 25 mM

Stability and Solubility Advice:
Some solutions can be difficult to obtain and can be encouraged by rapid stirring, sonication or gentle warming (in a 45-60°C water bath).  
Information concerning product stability, particularly in solution, has rarely been reported and in most cases we can only offer a general guide. Our standard recommendations are:
SOLIDS: Provided storage is as stated on the product label and the vial is kept tightly sealed, the product can be stored for up to 6 months from date of receipt.
SOLUTIONS: We recommend that stock solutions, once prepared, are stored aliquoted in tightly sealed vials at -20°C or below and used within 1 month. Wherever possible solutions should be made up and used on the same day.

References: