

Product Name: Tetrabenazine - d₇

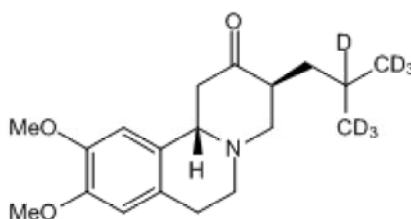
Catalog No.: 5537

Batch No.: 1

IUPAC Name: (3*R*,11*bR*)-*rel*-1,3,4,6,7,11*b*-hexahydro-9,10-dimethoxy-3-(2-methyl-*d*₃-propyl-2,3,3,3-*d*₄)-2*H*-benzo[*a*]quinolizin-2-one

1. PHYSICAL AND CHEMICAL PROPERTIES

Batch Molecular Formula: C₁₉H₂₀D₇NO₃
Batch Molecular Weight: 324.47
Physical Appearance: White solid
Solubility: ethanol to 30 mM
DMSO to 100 mM
Storage: Store at +4°C
Batch Molecular Structure:



2. ANALYTICAL DATA

Isotopic Purity: 98.8% D
HPLC: Shows 99.5% purity
¹H NMR: Consistent with structure
Mass Spectrum: Consistent with structure

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

bio-techne.com
info@bio-techne.com
techsupport@bio-techne.com

North America
Tel: (800) 343 7475

China
info.cn@bio-techne.com
Tel: +86 (21) 52380373

Europe Middle East Africa
Tel: +44 (0)1235 529449

Rest of World
www.tocris.com/distributors
Tel: +1 612 379 2956

Product Name: Tetrabenazine - d₇

Catalog No.: 5537

Batch No.: 1

IUPAC Name: (3*R*,11*bR*)-*rel*-1,3,4,6,7,11*b*-hexahydro-9,10-dimethoxy-3-(2-methyl-*d*₃-propyl-2,3,3,3-*d*₄)-2*H*-benzo[*a*]quinolizin-2-one

Description:

Deuterated tetrabenazine. Tetrabenazine also available.

Physical and Chemical Properties:

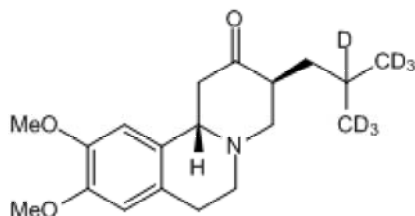
Batch Molecular Formula: C₁₉H₂₀D₇NO₃

Batch Molecular Weight: 324.47

Physical Appearance: White solid

Minimum Purity: >98%

Batch Molecular Structure:



Storage: Store at +4°C

Solubility & Usage Info:

ethanol to 30 mM

DMSO to 100 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.

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

bio-techne.com

info@bio-techne.com

techsupport@bio-techne.com

North America

Tel: (800) 343 7475

China

info.cn@bio-techne.com

Tel: +86 (21) 52380373

Europe Middle East Africa

Tel: +44 (0)1235 529449

Rest of World

www.tocris.com/distributors

Tel: +1 612 379 2956