

Certificate of Analysis

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Product Name: Acamprostate - d₆ calcium

Catalog No.: 5540

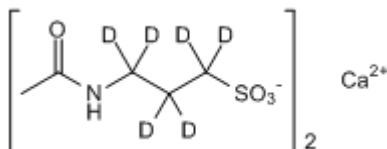
Batch No.: 1

CAS Number: 1225580-91-5

IUPAC Name: 3-(Acetylamino)-1-propane-1,1,2,2,3,3-d₆-sulfonic acid hemicalcium salt

1. PHYSICAL AND CHEMICAL PROPERTIES

Batch Molecular Formula:	C ₅ H ₄ D ₆ NO ₄ S.½ Ca
Batch Molecular Weight:	206.28
Physical Appearance:	White solid
Solubility:	DMSO to 10 mM water to 100 mM with gentle warming
Storage:	Desiccate at RT
Batch Molecular Structure:	



2. ANALYTICAL DATA

Isotopic Purity:	99.3% D
¹H NMR:	Consistent with structure
Mass Spectrum:	Consistent with structure

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

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Batch No.: 1

CAS Number: 1225580-91-5

IUPAC Name: 3-(Acetylamino)-1-propane-1,1,2,2,3,3-d₆-sulfonic acid hemicalcium salt

Description:

Deuterated acamprosate (Cat. No. 3618).

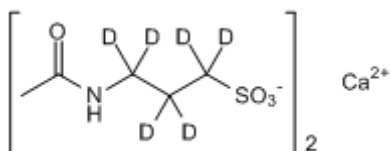
Physical and Chemical Properties:

Batch Molecular Formula: C₅H₄D₆NO₄S.½ Ca

Batch Molecular Weight: 206.28

Physical Appearance: White solid

Batch Molecular Structure:



Storage: Desiccate at RT

Solubility & Usage Info:

DMSO to 10 mM

water to 100 mM with gentle warming

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.

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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