

## **Amitifadine Lactone-d5**

Art. ID TRC-A633377-25MG  
Unit 25 mg

### Description

Application Note: Amitifadine Lactone-d5 is the deuterated form of Amitifadine Lactone (A633375), which is derived from 3,4-Dichlorophenylacetonitrile (D435435), which is an intermediate used in the synthesis of SR 48968, a potent, competitive and selective non-peptide antagonist of the neurokinin A (NK2) receptor<sup>1</sup> (1,2,3). It is also used to prepare tachykinin NK3 receptor antagonist SR 142801, (R)-N-[ 1-[3-[1-benzoyl-3-(3,4-dichlorophenyl)-3-piperidinyl]propyl]-4-phenyl-4-piperidinyl-N-methyl acetamide.

| Text/Information | Analyte/Parameter      | CAS number | Concentration/Value | Unit | Method | Source |
|------------------|------------------------|------------|---------------------|------|--------|--------|
|                  | Amitifadine Lactone-d5 |            |                     |      |        |        |