

### **Acetonitrile-13C2-d3**

Art. ID TRC-A163891-25MG  
Unit 25 mg  
Deliverydetails to be checked

#### Description

Application Note: Acetonitrile-<sup>13</sup>C<sub>2</sub>-<sup>d</sup><sub>3</sub> is a labeled analog of Acetonitrile (A163890), which is used as a polar aprotic solvent in organic synthesis. Acetonitrile-<sup>13</sup>C<sub>2</sub>-<sup>d</sup><sub>3</sub> is an intermediate in the synthesis of Itaconic Acid-<sup>13</sup>C<sub>5</sub>,<sup>d</sup><sub>4</sub> (I931002), which is a labeled analogue of Itaconic Acid, a fermentation product of carbohydrates such as glucose using *Aspergillus terreus*. Itaconic Acid is widely used as a co-monomer in the production of styrene-butadiene-acrylonitrile and acrylate latexes.

Text/Information	Analyte/Parameter	CAS number	Concentration/Value	Unit	Method	Source
	Acetonitrile-13C2-d3	[92589-00-9]				