

Analysis Date: 02-01-2026

Re-test Date: 02-01-2029

## 4-METHOXYACETOPHENONE D5

### Identification

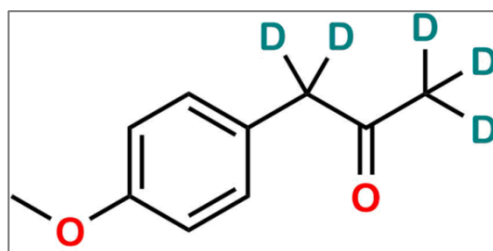
**Chemical Name** : 1-(4-Methoxyphenyl)propan-2-one-1,1,3,3,3-d5

**CAT No** : ALL-ACE-2696

**CAS No** : 1092970-51-8

**Molecular Formula** : C10H7D5O2

**Molecular Weight** : 169.2



### Analytical Information

<b>Batch Number</b>	: ALL-ACE-2696	<b>HPLC Purity</b>	: 98.00 %
<b>Solubility</b>	: USP Diluent / EP Diluent (MEOH)	<b>Potency</b>	: 96.51 %
<b>Appearance of Product</b>	: Off White Solid	<b>Mass</b>	: Confirm
<b>Long Term Storage</b>	: 2-8 °C	<b>IR Analysis</b>	: Confirm
<b>Weight Loss By TGA</b>	: 0.364 %	<b>1HNMR</b>	: Confirm
<b>Residue Of Ignition</b>	: 0.745 %		

### Additional Information

%Potency = [100 - (Weight Loss By TGA % + Residue Of Ignition %) × Chromatographic Purity%]/100 =  
 [100 - (0.364 + 0.745) × 98.00]/100 = 96.51 %

**Recommendation** : Released

	Department	Name	Signature
Prepared and Reviewed by	Analytical	Mr. Vipul Khadase Jr. Executive	
Approved By	QA&QC	Dr. Ashish Keche Director QA&QC	

**Attachment** : HPLC, Mass, 1H NMR, IR, TGA

**Shipping Condition** : All Product are stable to be shipped at room temperature, unless otherwise specified

#### Corporate Office