

Analysis Date: 01-01-2026

Re-test Date: 01-01-2029

## ACENOCOUMAROL 6-HYDROXY IMPURITY

### Identification

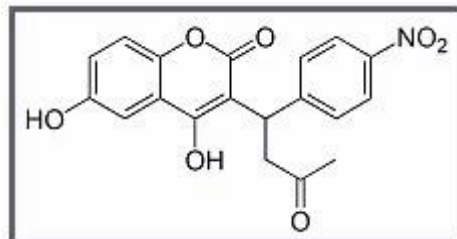
**Chemical Name** : 4,6-Dihydroxy-3-[1-(4-nitrophenyl)-3-oxobutyl]-2H-1-benzopyran-2-one

**CAT No** : ALL-ACN-138

**CAS No** : 64180-13-8

**Molecular Formula** : C<sub>19</sub>H<sub>15</sub>NO<sub>7</sub>

**Molecular Weight** : 369.32



### Analytical Information

<b>Batch No.</b>	: ALL-ACN-138	<b>HPLC Purity</b>	: 98.00 %
<b>Solubility</b>	: MeOH: ACN	<b>Potency</b>	: 96.30 %
<b>Appearance of Product</b>	: Off White Solid	<b>Mass</b>	: Confirm
<b>Long Term Storage</b>	: 2-8 0C	<b>IR Analysis</b>	: Confirm
<b>Weight Loss By TGA</b>	: 0.967 %	<b><sup>1</sup>H NMR</b>	: Confirm
<b>Residue Of Ignition</b>	: 0.759 %		

### Additional Information

**%Potency** = [100 - (Weight Loss By TGA % + Residue Of Ignition %) × Chromatographic Purity%]/100 =  
 [100 - (0.967+0.759) × 98.00]/100 = 96.30 %

**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, <sup>1</sup>H NMR, IR, TGA

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

#### Corporate Office