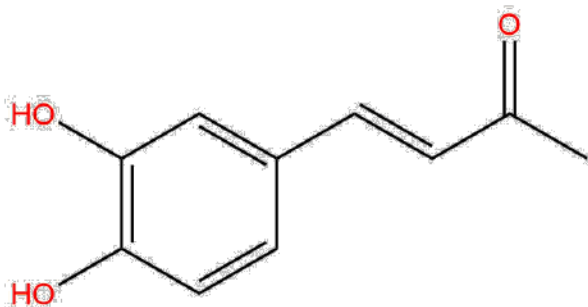


Osmundacetone

Cat#: orb594457 (CoA)

Structure



English Name: Osmundacetone

Alias: (E)-3,4-Dihydroxybenzylideneacetone; 4-(3,4-Dihydroxyphenyl)-3-buten-2-one; 3,4-Dihydroxybenzalacetone

Cat. No.: orb594457

CAS Number: 123694-03-1

M. F.: C10H10O3

M. W.: 178.184603214264

Test Item	Specifications	Results
Appearance	Yellow powder	Yellow powder
Purity (HPLC-DAD,330nm)*	≥98.0%	99.7%
Mass	178.1±1	Conforms
NMR	Comply with the structure	Conforms
Water Content	< 3.0%	0.9%

Please find HPLC chromatogram attached.

Test Method: **Column:** COSMOSIL 5C18-MS-II 4.6 mm I.D. × 250 mm; **Column temperature:** 30°C; **Detection**

Mode: UV330nm ; **Flow Rate:** 1.0ml/min; **Sample dissolution:** Methanol; **Mobile Phase: A,** Acetonitrile **B,** 0.1% phosphoric acid in water; **Gradient elution:** A, 15%-30%,15min-80%,10min.

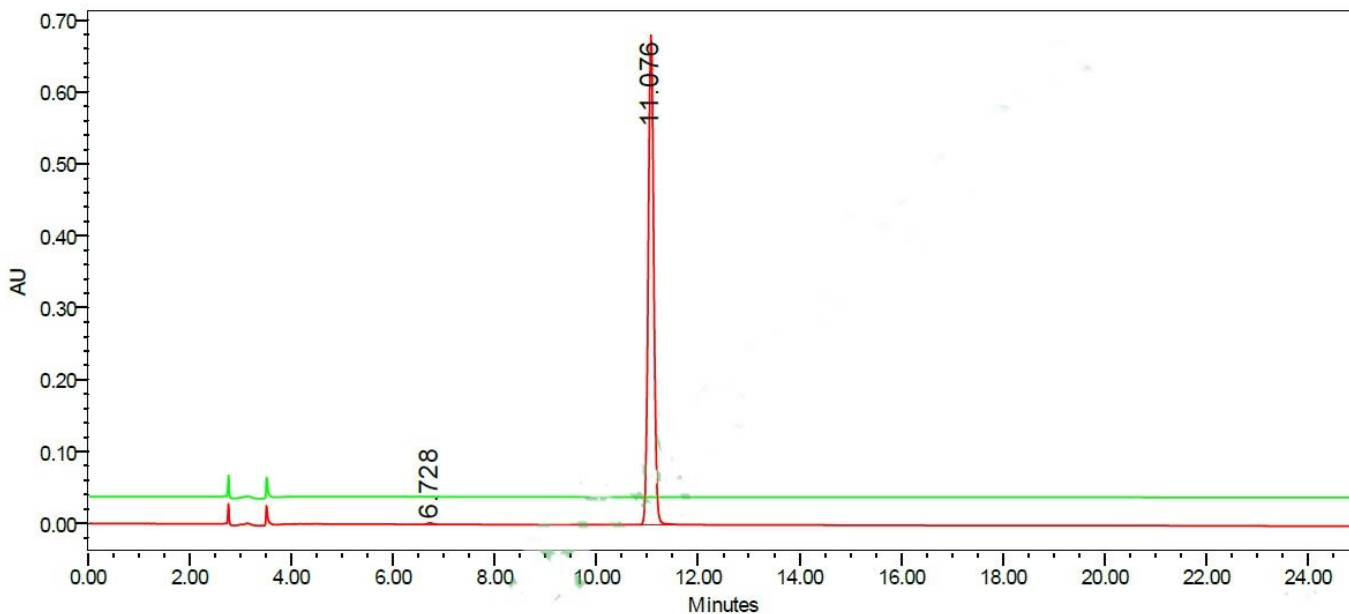
Storage: 2~8°C, protected from light, keep package airproofed when not in use.

Retest date: Two years (2025-02-07) under conditions list above.

Remarks: The sample solutions should be prepared and used on the same day, it is the best preparing the solutions immediately before use. If the solutions have to be made up in advance, it should be made as aliquots in tightly sealed vials at less than -20°C. Generally, these might be useable for up to two weeks. The quality of the product is only guaranteed to comply with the attached COA.

SAMPLE INFORMATION

Sample Name: Osmundacetone



Peak Results

	Name	RT	Area	% Area	Height	USP Plate Count	USP Resolution
1		6.728	14385	0.28	2178	25103.78	
2		11.076	5153050	99.72	680260	49539.65	23.09
3							