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## CERTIFICATE OF ANALYSIS

Analysis Date: Jan 2025

Re-test Date: Dec 2027

**Product Name: Bendamustine Impurity 24**

### Identification:

Chemical Name: 2,6-Di-tert-butyl-4-(hydroxymethyl)phenol

Synonyms : NA

CAS Number : 88-26-6

CAT Number : CP-B7033

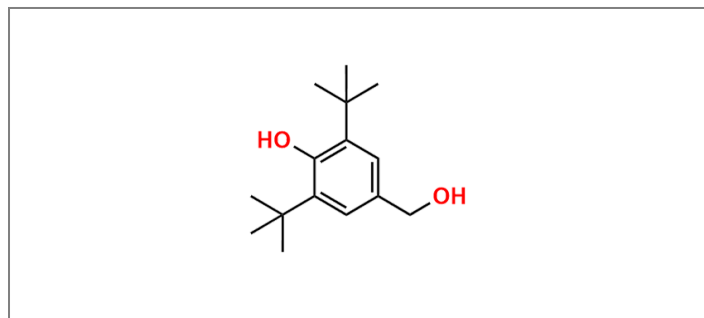
Molecular Formula : C<sub>15</sub>H<sub>24</sub>O<sub>2</sub>

Molecular Weight : 236.36

Batch Number : CP-BEN-24-0125

Storage Condition : Tightly closed, Inert atmosphere at 2 to 8° C

Shipping condition : All Products are stable to be shipped at room temperature, if specific condition required it is mention in the COA



### Analytical Information:

Sr. No.	Test	Result
1)	Description	Pale Yellow Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	99.29 %
5)	<sup>1</sup> HNMR	Confirm to structure
6)	IR	Confirm to Structure
7)	Weight loss by TGA	0.196 %
8)	Potency by TGA	99.09 %



**Prepared and Reviewed By**



Ms Priyanka Salunkhe  
(Quality Control)

**Approved By**



Ms Rohini Gagare  
(Quality Assurance)

Note: Product supplied by Chemicea are for R&D purpose only and not for human consumptions.