



CERTIFICATE OF ANALYSIS

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1. Identification

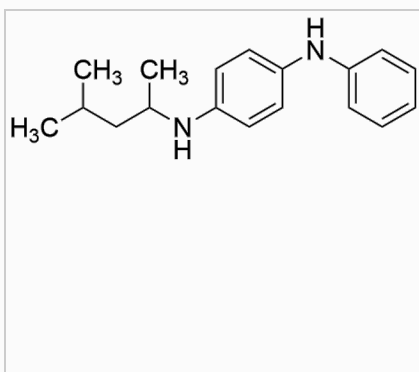
Catalogue Number: D556430

CAS Number: 793-24-8

Product: 4-(1,3-Dimethylbutylamino)diphenylamine

Synonym: 6PPD; Accinox ZC; Antage 6C; N1-(1,3-Dimethylbutyl)-N4-phenyl-1,4-benzenediamine; 1-N-(4-Methylpentan-2-yl)-4-N-phenylbenzene-1,4-diamine; Flexzone 7P; Forte 6C; Kumanox 13; Luvomaxx 6PPD; N-(1,3-Dimethylbutyl)-N'-phenyl-1,4-benzenediamine

Structure:



Molecular Formula:

C₁₈H₂₄N₂

Molecular weight:

268.4

Source of Product:

N/A

Solubility:

Chloroform (Slightly),
Methanol (Slightly)

Lot Number: 711960930-1-1

Purity: 98%

Shipping Condition: This Product Is Stable To Be Shipped At Room Temperature

Storage Condition: 4°C

2. Warning

Warning 1:

Warning 2:

Warning 3:

3. Analytical Information

Tests:	Specifications:	Results:
Appearance	Grey to Very Dark Purple Solid	Grey to Dark Grey Solid
NMR	Conforms to Structure	Conforms
Elemental Analysis	Conforms	%C: 80.70, %H: 8.91, %N: 10.30
HPLC Purity	Report Result	99.50% (290 nm)
MS	Conforms to Structure	Conforms

Additional Information: N/A

Purity is based on the analytical results of the tests performed. NMR and Elemental Analysis (if available) may have an accuracy of ± 2%. Isotopic purity is based on mass distribution observed. The contents of the specifications are subject to change without advance notice, and the specification values displayed here are the most up to date values.

4. Signatures

Reviewed By	Reviewed By	C of A Approved By	Test Date	Retest Date
Nicole Yip	Toni Rantanen	Chanell Chu	2/29/2024	2/27/2028