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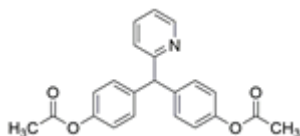
Web site: www.chemimpex.com

Manufacturing site:

825 Dillon Drive

Wood Dale, IL 60191

Product Specifications



Catalogue Number	37679
Product	Bisacodyl 4,4'-(2-Pyridylmethylene)bisphenol diacetate
CAS Number	603-50-9
Molecular Formula	C ₂₂ H ₁₉ NO ₄
Molecular Weight	361.4

Appearance	White or almost white crystalline powder
Solubility	Practically insoluble in water, soluble in acetone, sparingly soluble in ethanol 96%, it dissolves in dilute mineral acid
Melting Point	131 - 135 °C
Acidity & Alkalinity	≤ 0.4 mL of 0.01 M hydrochloric acid is required to change the colour of the indicator to red
Infrared Spectrum	Conforms to structure
UV Ratios	Examined between 220 nm and 350 nm the solution shows absorption maximum at 248 nm and a shoulder at above 290 nm. the specific absorbance at the maximum is 632 - 672
Loss on Drying	≤ 0.5% at 105 °C
Related Substances	Impurity A,B : ≤ 0.1% Impurity D : ≤ 0.2% Impurity C, E : ≤ 0.5% Impurity F : ≤ 0.3% Unspecified impurity : ≤ 0.1% Total impurities : ≤ 1%
Sulfated Ash	≤ 0.1%
Assay	98 - 101% (On dried basis)
Grade	Meets BP Specifications
Storage	Store at 2 - 8 °C

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For Laboratory Use Only