

# Chem-Impex International, Inc.

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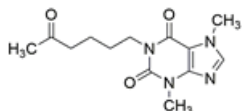
**Web site:** www.chemimpex.com

**Manufacturing site:**

825 Dillon Drive

Wood Dale, IL 60191

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## Product Specifications

<b>Catalogue Number</b>	38176
<b>Product</b>	<b>Pentoxifylline</b> 3,7-Dimethyl-1-(5-oxohexyl)xanthine Trental
<b>CAS Number</b>	6493-05-6
<b>Molecular Formula</b>	C <sub>13</sub> H <sub>18</sub> N <sub>4</sub> O <sub>3</sub>
<b>Molecular Weight</b>	278.31

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<b>Appearance</b>	White to almost white crystalline powder
<b>Solubility</b>	Completeness of solution : To pass test
<b>Anion</b>	Chloride : ≤ 0.011% Sulfate : ≤ 0.02%
<b>Acidity</b>	≤ 0.2 mL of 0.01 N sodium hydroxide is required to produce color change
<b>Infrared Spectrum</b>	Conforms to structure
<b>Loss on Drying</b>	≤ 0.5% (60 °C, 3h)
<b>Related Substances</b>	Individual impurities : ≤ 0.2% Total impurities : ≤ 0.5%
<b>Residue On Ignition</b>	≤ 0.1%
<b>Assay</b>	98 - 102%
<b>Grade</b>	Meets USP specification
<b>Storage</b>	Store at 2 - 8 °C
<b>Additional Information</b>	Identification : The retention time of the major peak of the Sample solution corresponds to that of the Standard solution, as obtained in the assay

**For Laboratory Use Only**