

# *Chem-Impex International, Inc.*

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## *Product Specifications*

**Catalogue Number** 32541  
**Product** **Tomatine from Tomato**

Lycopersicin from Tomato

$\alpha$ -Tomatine from tomato

**CAS Number** 17406-45-0

**Molecular Formula** C<sub>50</sub>H<sub>83</sub>NO<sub>21</sub>

**Molecular Weight** 1034.2

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**Warnings** Store at RT

**Appearance** Off-white powder

**Melting Point** 291 °C

**Water Content (Karl Fisher)** ≤ 5%

**Optical Rotation**

[ $\alpha$ ] <sub>20</sub> /D= -28 to -34° (C=0.5 in Pyridine)
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**Analysis by Mass Spectra** Conforms to standard

**Related Substances** Total impurities : ≤ 2.0%  
Largest single impurity : ≤ 2.0%

**Purity by HPLC** ≥ 98%

**Storage** Store away from oxidizing agents.

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**For Laboratory Use Only**