

# Chem-Impex International, Inc.

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## Product Specifications

**Catalogue Number** 04546

**Product**

**Glutaryl-Gly-Arg-AMC•HCl**

Glutaryl-glycyl-L-arginine 7-amido-4-methylcoumarin hydrochloride

**CAS Number** 65147-16-2, 103213-40-7

**Molecular Formula** C<sub>23</sub>H<sub>30</sub>N<sub>6</sub>O<sub>7</sub>•HCl

**Molecular Weight** 538.99

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**Warnings**

*Conditions to avoid: Heat, flames and sparks, Materials to avoid: Oxidizing agents, Possible hazardous combustion products: Carbon monoxide, nitrogen oxides, hydrogen bromide.*

**Appearance**

White crystalline powder

**Melting Point**

206-217 °C (dec.)

**Optical Rotation**

[α]<sub>D</sub><sup>20</sup> = -39 ± 2° (C=1 in MeOH)

**Related Substances**

AMC content: ≤ 0.5%

**Assay by titration**

≥ 94%

**Purity by HPLC**

≥ 97%

**Purity by TLC**

≥ 98%

**Storage**

Store at 0-8 °C

**For Laboratory Use Only**