

# *Chem-Impex International, Inc.*

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## *Product Specifications*

**Catalogue Number** 11180  
**Product** ***N*<sup>α</sup>-Fmoc-D-arginine hydrochloride**

Fmoc-D-Arg-OH•HCl

**CAS Number** 130752-32-8

**Molecular Formula** C<sub>21</sub>H<sub>24</sub>N<sub>4</sub>O<sub>4</sub>•HCl

**Molecular Weight** 432.91

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**Appearance** White powder

**Solubility** Clear solution (0.3 g in 2 mL AcOH)

**Melting Point** 148 - 151 °C

**Water Content (Karl Fisher)** ≤ 2%

**Optical Rotation** [α]<sup>20</sup><sub>D</sub> = -15 ± 2 ° (C=0.5 in DMF)

**Analysis by Mass Spectra** Conforms to standard

**Loss on Drying** ≤ 2% (70 °C, 2h)

**Purity by HPLC** ≥ 98%

**Storage** Store at 0 - 8 °C

**For Laboratory Use Only**