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Product Specifications

Catalogue Number	05471
Product	<i>N</i>^α-Boc-<i>N</i>^ω-(4-methoxy-2,3,6-trimethylbenzenesulfonyl)-D-arginine Boc-D-Arg(Mtr)-OH
CAS Number	200122-49-2
Molecular Formula	C ₂₁ H ₃₄ N ₄ O ₇ S
Molecular Weight	486.68

Appearance	White to off-white powder
Solubility	Clear solution (0.3 g in 2 mL DMF)
Melting Point	92-97 °C
Water Content (Karl Fisher)	≤ 2.0%
Optical Rotation	[α] _D ²⁰ = -2.0 ± 0.5° (C=1 in MeOH)
Infrared Spectrum	Conforms to structure
Analysis by Mass Spectra	Conforms to standard
Loss on Drying	≤ 2.0% (40 °C, 2h)
¹H NMR	Conforms to structure
Purity by HPLC	≥ 98%
Storage	Store at 0-8 °C

For Laboratory Use Only