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Product Specifications

Catalogue Number	07054
Product	N^{α}-Fmoc-N^{γ}-Z-L-2,4-diaminobutyric acid Fmoc-L-Dab(Z)-OH (S)-4-Benzoyloxycarbonylamino-2-(Fmoc-amino)butyric acid
CAS Number	252049-08-4
Molecular Formula	$C_{27}H_{26}N_2O_6$
Molecular Weight	474.51

Appearance	White to off-white powder
Solubility	Clear solution (0.3 g in 2 mL DMF)
Melting Point	136 - 141 °C
Water Content (Karl Fisher)	≤ 1%
Optical Rotation	$[\alpha]_D^{20} = -20 \pm 2^{\circ}$ (C=1 in DMF)
Infrared Spectrum	Conforms to structure
Analysis by Mass Spectra	Conforms to standard
Loss on Drying	≤ 1% (60 °C, 2h)
1H NMR	Conforms to structure
Purity by HPLC	≥ 99%
Storage	Store at 0 - 8 °C

For Laboratory Use Only