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Product Specifications

Catalogue Number	07910
Product	2-(4-Biphenyl)isopropylloxycarbonyl-<i>O</i>-<i>tert</i>-butyl-L-threonine <i>N</i>-hydroxysuccinimide ester Bpoc-L-Thr(tBu)-OSu
CAS Number	62020-53-5
Molecular Formula	C ₂₈ H ₃₄ N ₂ O ₇
Molecular Weight	510.59

Appearance	White powder
Solubility	Clear, colorless solution (50mg/ml in dioxane)
Melting Point	147-151 °C
Elemental Analysis (Theory)	C=65.87%; H=6.71%; N=5.49%
Water Content (Karl Fisher)	≤ 1.0%
TLC System	Ethylacetate/hexane 4/5 Chloroform/ethylacetate 9/1 Chloroform/ethylacetate/acetic acid 50/50/2 Plate: silicagel 60 F ₂₅₄ detected by: UV, ninhydrin, TMB
Optical Rotation	[α] _D ²⁴ = - 15 ± 2 ° (C=2 in dioxane)
Assay	≥ 99% (Cth 65.87% by Elemental analysis)
Storage	Store at 0-8°C

For Laboratory Use Only