

Fmoc-Dpr(ivDde)-OH Novabiochem(R)

Art. ID SAF-8520830025

Unit EA

Description

"This orthogonally-protected diaminopropionic acid derivative is based on the hindered Dde variant ivDde. The side-chain ivDde group is considerably more stable to piperidine than Dde and is less prone to migrate from protected to unprotected side-chains [1]. However, migration from side-chain to the unprotected alpha-amino group of Dpr is unavoidable [2]. This side-reaction can, however, be minimized by the appropriate choice of coupling method for the subsequent residue, see [3]. When removing ivDde in the presence of allyl-based protecting groups, allyl alcohol should be included in the deprotection solution to prevent reduction of the allyl group [4]. The product number for this product was previously 04-12-1195. To obtain a certificate of analysis (CoA) of a lot that begins with the letter "A", please select the option in the right hand menu "Request a COA for Lot#s starting with A"."

Text/Information	Analyte/Parameter	CAS number	Concentration/Value	Unit	Method	Source
	N-alpha-Fmoc-N-beta-(4, 4-dimethyl-2,6-dioxocyc lohex-1-ylidene)-3-meth ylbutyl-L-2,3-diaminopr opionic Acid	[607366-20-1]				