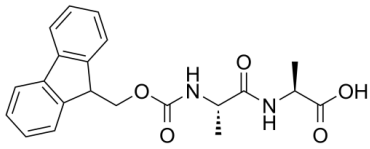
Data Sheet

Product Name:	Fmoc-Ala-Ala-OH
Cat. No.:	CS-0101214
CAS No.:	87512-31-0
Molecular Formula:	$C_{21}H_{22}N_2O_5$
Molecular Weight:	382.41
Target:	Others
Pathway:	Others
Solubility:	10 mM in DMSO



BIOLOGICAL ACTIVITY:

Fmoc-Ala-Ala-OH (3) is a self-assemble fluorenylmethoxycarbonyl-dipeptide, which is a smaller amphiphilic building blocks consists dipeptides linked to fluore nylmethoxycarbonyl (Fmoc). Fmoc-Ala-Ala-OH can be used as scaffold materials in 3D cell culture[1].

References:

[1]. V. Jayawarna, et al. Nanostructured Hydrogels for Three-Dimensional Cell Culture Through Self-Assembly of Fluorenylmethoxycarbonyl–Dipeptides[J]. Advanced materials.2006 Mar 02.

CAIndexNames:

L-Alanine, N-[(9H-fluoren-9-ylmethoxy)carbonyl]-L-alanyl-

SMILES:

C[C@@H](C(O)=O)NC([C@H](C)NC(OCC1C2=C(C=CC=C2)C3=C1C=CC=C3)=O)=O

Caution: Product has not been fully validated for medical applications. For research use only.

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