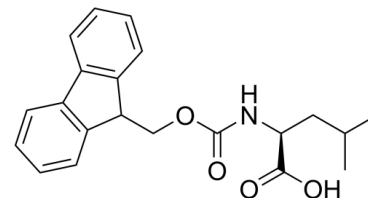


Data Sheet

Product Name:	Fmoc-leucine
Cat. No.:	CS-W019808
CAS No.:	35661-60-0
Molecular Formula:	C ₂₁ H ₂₃ NO ₄
Molecular Weight:	353.41
Target:	PPAR
Pathway:	Cell Cycle/DNA Damage
Solubility:	DMSO : 100 mg/mL (282.96 mM; Need ultrasonic)



BIOLOGICAL ACTIVITY:

Fmoc-leucine is a selective **PPAR γ** modulator. Fmoc-leucine activates PPAR γ with a lower potency but a similar maximal efficacy than rosiglitazone. Fmoc-leucine improves insulin sensitivity in normal, diet-induced glucose-intolerant, and in diabetic db/db mice. Fmoc-leucine has a lower adipogenic activity^[1].

References:

[1]. Rocchi S, et al. A unique PPAR γ ligand with potent insulin-sensitizing yet weak adipogenic activity. Mol Cell. 2001 Oct;8(4):737-47.

CAIndexNames:

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

SMILES:

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

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

Tel: 610-426-3128

Fax: 888-484-5008

E-mail: sales@ChemScene.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA