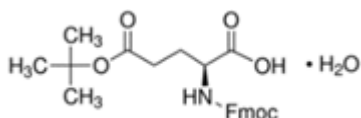


**Name:** Fmoc-Glu(OtBu)-OH·H<sub>2</sub>O



**Structure:**

**Formula:** C<sub>24</sub>H<sub>27</sub>NO<sub>6</sub>·H<sub>2</sub>O

**CAS No:** 204251-24-1

**Molecular weight:** 443.49

<b>Appearance:</b>	White to off-white powder
<b>Identity (IR):</b>	Must conform with structure
<b>Purity (HPLC):</b>	99.5% min
<b>Related substances (By HPLC):</b>	
Fmoc -Glu-OH	0.1%max
Fmoc -D-Gln(OtBu) -OH	0.1%max
Fmoc-β -Ala -OH	0.1%max
Fmoc-β -Ala- Gln(OtBu)-OH	0.1%max
Fmoc-OH	0.1%max
HOSU	0.1%max
<b>Highest single impurity:</b>	0.1%max
<b>Sum of unspecified impurities:</b>	0.2%max
<b>Related substances (By TLC):</b>	
H- Gln-OH	0.1%max
H- D-Gln-OH	0.1%max
H- Glu(OtBu)-OH	0.1%max
<b>Assay by titrimetry (% w/w on anhydrous basis):</b>	99.0% min
<b>Water:</b>	6.0% max
<b>Solubility:</b>	Clear solution obtained in 10%W/V in 10% DMF



**VIO Chemicals AG**

Dufourstrasse 107, CH-8008 Zurich, Switzerland

Phone: +41 44 380 24 44

Fax: +41 44 380 24 51

[www.viochemicals.com](http://www.viochemicals.com)

**Nanjing Office**

Suite A5, 24/F, Shangmao Century Plaza

49 South Zhongshan Road, Nanjing 210005, China

Phone: +86 25 8689 3201

Fax: +86 25 8689 3209