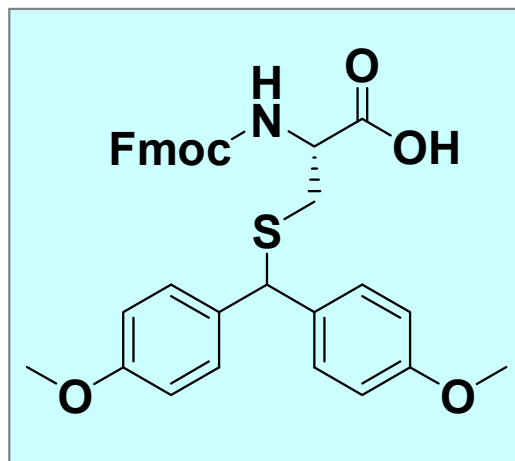
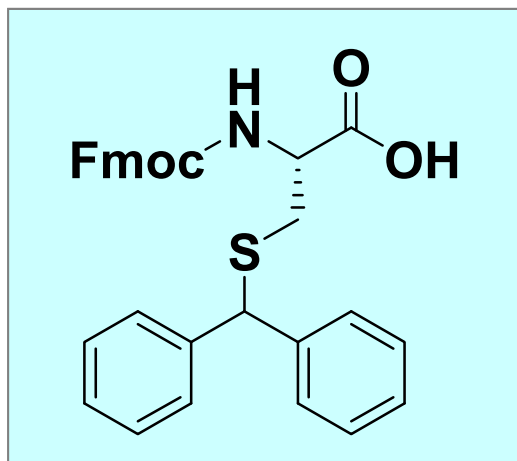


# Watanabe Chemical News

WN-121119-204

## The New Acid-Labile Cys-Protecting Groups



Code	K01594	K02959
Short Name	Fmoc-Cys(Dpm)-OH	Fmoc-Cys(Ddm)-OH
Full Name	N-(((9H-Fluoren-9-yl)methoxy)carbonyl)-S-benzhydryl-L-cysteine	N-(((9H-Fluoren-9-yl)methoxy)carbonyl)-S-(bis(4-methoxyphenyl)methyl)-L-cysteine
CAS RN®	247595-29-5	1403825-56-8
Mw	509.63	569.67
Price	5g ¥10,000 25g ¥40,000	1g ¥10,000 5g ¥40,000

### TFA-Lability Study of the Fmoc-Ala-Cys(PG)-Leu-NH<sub>2</sub>

PG	TFA(%)	Temp( )	reaction time	Deprotected Cys(%)
Dpm	10	25	5min	0
	60	25	1h	100
Ddm	10	25	5min	100

参考文献: Acid-Labile Cys-Protecting Groups for the Fmoc/*t*Bu Strategy: Filling the Gap  
Fernando Albericio et al. *Org Lett.*, **2012**, 14 (21), pp 5472-5475