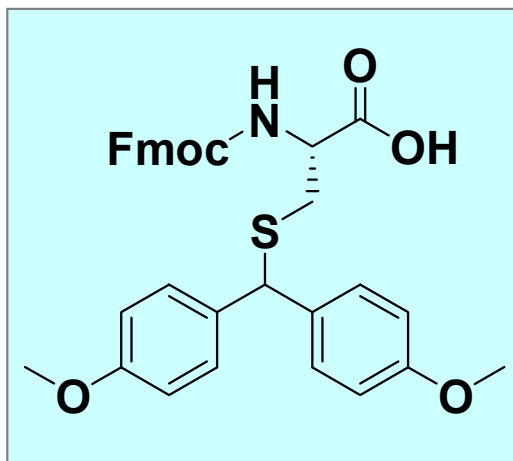
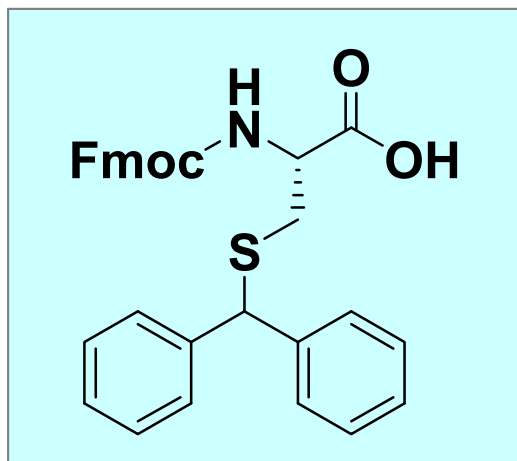


The Acid-Labile Cys-Protecting Groups



Code	K01594	K02959
Short Name	Fmoc-Cys(Dpm)-OH	Fmoc-Cys(Ddm)-OH
Full Name	N-α-(9-Fluorenylmethoxycarbonyl)-S-diphenylmethyl-L-cysteine	N-α-(9-Fluorenylmethoxycarbonyl)-S-(4,4'-dimethoxydiphenylmethyl)-L-cysteine
CAS RN®	247595-29-5	1403825-56-8
Mw	509.63	569.67
Price	5g \$99 25g \$393	1g \$99 5g \$393

TFA-Lability Study of the Fmoc-Ala-Cys(PG)-Leu-NH₂

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

Reference: 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

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