



^1H CDCl_3 , 400 MHz
with $\text{Cl}_2\text{CHCHCl}_2$

$$\text{Molar ratio} = \frac{\left[\frac{I_{\text{cpd}}}{nH_{\text{cpd}}} \right]}{\left[\frac{I_{\text{std}}}{nH_{\text{std}}} \right]}$$

$$\text{wt}\% = \frac{mg_{\text{std}} \times MW_{\text{cpd}} \times \text{molar ratio} \times P_{\text{std}}}{mg_{\text{cpd}} \times MW_{\text{std}}} \times 100$$

	product	standard
sample mass	20	19.33
mw	268.11	167.84

peak	Icpd	molar ratio	wt%
7.95	1.265	0.6325	97.7
7.48	0.653	0.653	100.8
7.3	1.281	0.6405	98.9
7.39	1.275	0.6375	98.4
7.02	1.304	0.652	100.7
4.7	0.637	0.637	98.3
2.26	1.905	0.635	98.0
1.52	1.875	0.625	96.5
	Average=	0.639	98.7

