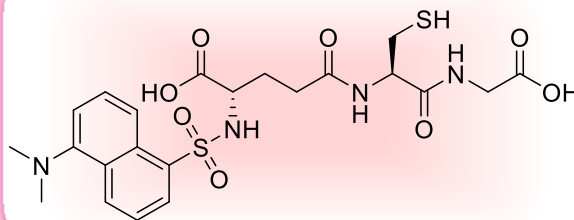


The reduced glutathione with fluorescent label for trapping assay

Dansyl-GSH

Dns-Glu(Cys-Gly-OH)-OH



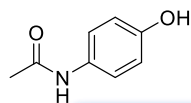
Dansyl-GSH bonded with reactive metabolite generated in the metabolic process of drug, exhibits fluorescence.

It is useful for estimation and quantification of generated reactive metabolites by HPLC, fluorescence detector and a mass spectrometer.

Code	R02168	
CAS RN®	75017-02-6	
Price	10mg	\$246
	50mg	\$819
	100mg	\$1,273

Example of use

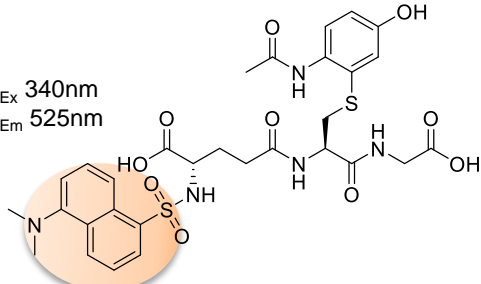
Trapping assay of reactive metabolites generated from acetaminophen



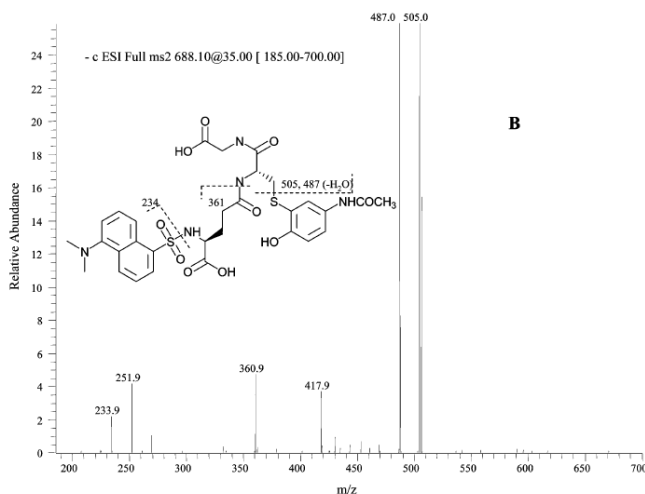
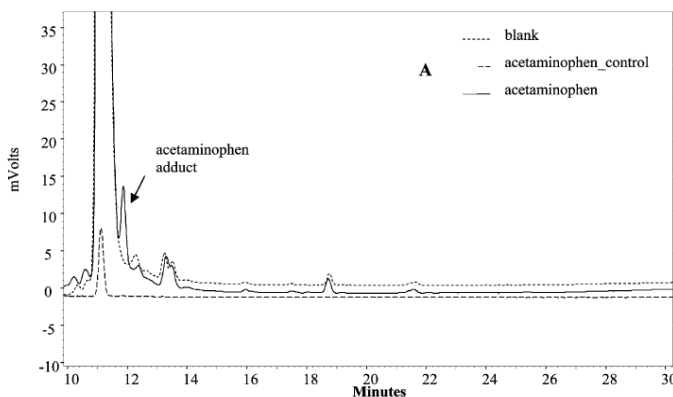
1mM Dansyl-GSH (R02168)

1mg/mL Human Liver Microsomes
1mM NADPH
in 100mM Potassium phosphate Buffer (pH 7.4), 37°C, 30min

λ_{Ex} 340nm
 λ_{Em} 525nm



Qualitative/Quantitative analysis by HPLC/fluorescence/mass spectrometer



Reference: J. Gan et al., *Chem. Res. Toxicol.*, **18**, 896-903 (2005)

WATANABE CHEMICAL INDUSTRIES, LTD.

〒730-0853 2-2-5 Sakaimachi Naka-ku, Hiroshima JAPAN

TEL:+81 82 231 0540 FAX:+81 82 231 1451

URL: <https://www.watanabechem.co.jp/en/>

E-mail: sales@watanabechem.co.jp