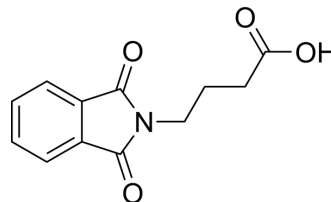


## O-Phthalimide-C3-acid

Cat. No.:	HY-W046063		
CAS No.:	3130-75-4		
Molecular Formula:	C <sub>12</sub> H <sub>11</sub> NO <sub>4</sub>		
Molecular Weight:	233.22		
Target:	Biochemical Assay Reagents		
Pathway:	Others		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month



### BIOLOGICAL ACTIVITY

#### Description

4-(N-Phthalimidoyl)butanoic acid (compound FB) is a hapten with a carboxyl group at the end of its spacer arm, suitable for reacting with free amine groups of proteins. 4-(N-Phthalimidoyl)butanoic acid can be combined with carrier proteins and used in antigen design<sup>[1]</sup>.

### REFERENCES

[1]. Mercader JV, et al. Development of monoclonal ELISAs for azinphos-methyl. 1. Hapten synthesis and antibody production. J Agric Food Chem. 1999 Mar;47(3):1276-84.

**Caution: Product has not been fully validated for medical applications. For research use only.**

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