



Valeric Acid [BSA] (DAG3420)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	Valeric Acid, BSA-conjugated
Specificity	Valeric acid conjugated with bovine serum albumin (BSA).
Species	N/A
Conjugate	BSA
Applications	immunohistochemistry and immunocytochemistry
Reconstitution	Reconstituted in deionized water (250 µg)
Format	Lyophilized
Size	1 mg
Preservative	None
Storage	2-8°C short term, -20°C long term

BACKGROUND

Introduction	Valeric acid, or pentanoic acid, is a straight-chain alkyl carboxylic acid with the chemical formula $C_5H_{10}O_2$. Like other low-molecular-weight carboxylic acids, it has a very unpleasant odor. It is found naturally in the perennial flowering plant valerian (<i>Valeriana officinalis</i>), from which it gets its name. Its primary use is in the synthesis of its esters. Volatile esters of valeric acid tend to have pleasant odors and are used in perfumes and cosmetics. Ethyl valerate and pentyl valerate are used as food additives because of their fruity flavors.
Keywords	Valeric Acid