



# Pinaca N-pentanoic acid Standard Solution (DAG-WT362)

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

## PRODUCT INFORMATION

Conjugate	Unconjugated
Applications	ELISA
Molecular Weight	395.5 g/mol
Format	Liquid
Concentration	1 µg/mL
Size	0.5 ml
Buffer	20mM sodium phosphate, 150mM NaCl, pH7.4
Preservative	None
Storage	Store at -20°C to -80°C

## BACKGROUND

Introduction	APINACA (AKB48, N-(1-adamantyl)-1-pentyl-1H-indazole-3-carboxamide) is a drug that acts as a reasonably potent agonist for the cannabinoid receptors, with a $K_i$ of 304.5nM and an $EC_{50}$ of 585nM at CB1. It had never previously been reported in the scientific or patent literature, and was first identified by laboratories in Japan in March 2012 as an ingredient in synthetic cannabis smoking blends, along with a related compound APICA.
Keywords	APINACA; AKB48; Cannabinoid receptors