



# WH-250 N-pentanoic acid Standard Solution (DAG-WT359)

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

## PRODUCT INFORMATION

Conjugate	Unconjugated
Applications	ELISA
Molecular Weight	365.4 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	JWH-250 or (1-pentyl-3-(2-methoxyphenylacetyl)indole) is an analgesic chemical from the phenylacetylindole family that acts as a cannabinoid agonist at both the CB1 and CB2 receptors, with a $K_i$ of 11 nM at CB1 and 33 nM at CB2. Unlike many of the older JWH series compounds, this compound does not have a naphthalene ring, instead occupying this position with a 2'-methoxy-phenylacetyl group, making JWH-250 a representative member of a new class of cannabinoid ligands. Other 2'-substituted analogues such as the methyl, chloro and bromo compounds are also active and somewhat more potent.
Keywords	JWH-250; 1-pentyl-3-(2-methoxyphenylacetyl)indole; Cannabinoid agonist