Creative Enzymes®

PS 48

Cat. No. COEC-117

Lot. No. (See product label)

Introduction

Description	PS 48 has been shown to be a PKB Kinase (phosphoinositide-dependent protein kinase-1, PDK1) activator (Kd = 10.3 μM). Studies have indicated that this compound selectively binds to the PIF-binding pocket of PKB Kinase (PDK1). This is a distinct region separate from the ATP binding site.
Applications	A phosphoinositide-dependent protein kinase-1 (PDK1) activator
Synonyms	(Z)-5-(4-chlorophenyl)-3-phenylpent-2-enoic acid

Product Information

Form	Solid
CAS No.	1180676-32-7
Molecular Formula	C17H15ClO2
Molecular Weight	286.76
Boiling Point	~444.1 °C at 760 mmHg (Predicted)
Solubility	Soluble in DMSO (>20 mg/ml), and ethanol (50 mM).
Refractive Index	1.57 (Predicted)
Density	~1.2 g/cm3 (Predicted)