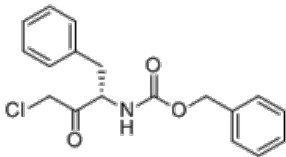


Product Name	: ZPCK	
Synonyms	: Z-L-Phe chloromethyl ketone; NSC 251810; SL 01	
Cat No.	: M13792	
CAS Number	: 26049-94-5	
Molecular Formula	: C ₁₈ H ₁₈ ClNO ₃	
Formula Weight	: 331.80	
Chemical Name	: N-[(1S)-3-chloro-2-oxo-1-(phenylmethyl)propyl]-carbamic acid, phenylmethyl ester	
Description	: ZPCK (NSC 251810; SL 01) is a potent, pan autophagy inhibitor, inhibits the cargo degradation inside the vacuole and alters the process of autophagy in mammalian cells; also modulates autophagic flux in a novel model plant, <i>Aponogeton madagascariensis</i> .	
Pathway	: Autophagy	
Target	: Autophagy	
Receptor	: Autophagy	
Solubility	: —	
SMILES	: <chem>O=C(OCC1=CC=CC=C1)N[C@H](C(CCl)=O)CC2=CC=CC=C2</chem>	
Storage	: (-20°C)	
Stability	: ≥ 2 years	
Reference	:	

1. Mishra P, et al. Autophagy. 2017 Aug 9;1-17.