

### **(4S)-4-Amino-2,6-dimethyl-1-hepten-3-one 2,2,2-Trifluoroacetate**

Art. ID TRC-A604805-500MG  
Unit 500 mg  
Deliverydetails No Dangerous Good

#### Description

Category: Amines, Amino Acids and Derivatives, Chiral Reagents, Pharmaceuticals, Intermediates and Fine Chemicals /// Application Notes: (4S)-4-Amino-2,6-dimethyl-1-hepten-3-one 2,2,2-Trifluoroacetate is a reagent used for carbonyls and epoxides as dual electrophiles in peptide-based proteasome inhibitors. This is also an impurity of carfilzomib (C183460), which is a second-generation proteasome inhibitor that is used as a treatment in relapsed and refractory multiple myeloma. /// References: Xin, B., et al.: Org. Biomol. Chem., 12, 5710 (2014)| Fostier, K., et al.: Oncotargets. Therap., 5, 237 (2012)| Geurink, P.P., et al.: J. Med. Chem., 56, 1262 (2013)| McCormack, P.L., et al.: Drugs., 72, 2023 (2012)|

Text/Information	Analyte/Parameter	CAS number	Concentration/Value	Unit	Method	Source
	(4S)-4-Amino-2,6-dimethyl-1-hepten-3-one 2,2,2-Trifluoroacetate	[1619233-32-7]				