

Recombinant Arginase

Product Information

Cat#	DIA-816
Descriptions	Recombinant Arginase catalyzes the hydrolysis of L-arginine into L-ornithine and urea, participates in arginine metabolism and urea cycle regulation, and is widely used in metabolic research and tumor arginine depletion therapy development.
Applications	Recombinant Arginase is suitable for arginine metabolism detection kits and tumor nutrient depletion assay reagent development.
CAS No.	9000-96-8
Synonyms	1345808-25-4 [RN]; 1-Piperidinebutanoic acid, α -amino- α -(4-boronobutyl)-, (α R)-[ACD/Index Name]; 6-(Dihydroxyboryl)-2-[2-(1-piperidiny)ethyl]-L-norleucin [German] [ACD/IUPAC Name]; 6-(Dihydroxyboryl)-2-[2-(1-piperidiny)ethyl]-L-norleucine [ACD/IUPAC Name]; 6-(Dihydroxyboryl)-2-[2-(1-pipéridiny)éthyl]-L-norleucine [French] [ACD/IUPAC Name]; Arginase inhibitor 1; compound 9 [PMID: 23472952]; (?R)?-?-?amino-??-? (4-?boronobutyl)?-?1-?Piperidinebutanoic acid; (2R)-2-amino-6-borono-2-(2-piperidin-1-ylethyl)hexanoic acid; ($\hat{1}\pm$ R)- $\hat{1}\pm$ -amino- $\hat{1}\pm$ -(4-boronobutyl)-1-piperidinebutanoic acid; (R)-2-amino-6-borono-2-(2-(piperidin-1-yl)ethyl)hexanoic acid; (α R)- α -amino- α -(4-boronobutyl)-1-piperidinebutanoic acid; 10.1021/jm400014c; 9000-96-8 [RN]; Arginase; MFCD28167713
Activity	≥ 20 U/mg
Assay	HNMR HPLC (Identification Methods)
Purity	$\geq 98\%$
Storage	Store at -20°C for 2 years.