

Angiotensin I/II (TFA) Biochemical

Angiotensin I/II (1-6)(TFA)

CATALOG #
AAA227178

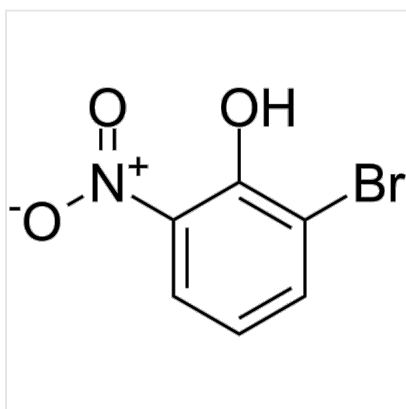
PRODUCT SYNONYMS

Angiotensin I/II (TFA); Angiotensin I/II (1-6)(TFA); Angiotensin I/II (TFA) biochemical

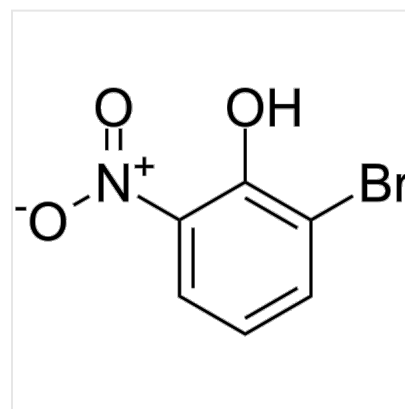
PRODUCT SPECIFICATIONS

Purity/Purification	98%
Solubility	<1mg/ml refers to the product slightly soluble or insoluble
In vitro	Angiotensin II is a naturally occurring octapeptide hormone component of the renin-angiotensin-aldosterone system (RAAS) and is a potent vasoconstrictor. Angiotensin II has important roles in cardiovascular, neurologic, and renal physiology, including maintenance of blood pressure, thirst sensation, response to the baroreceptor reflex, determination of renal blood flow and glomerular filtration rate, and electrolyte and free water homeostasis[2].
Preparation and Storage	Powder: -20 degree C for 3 years In solvent: -80 degree C for 2 years

IMAGES



Structure
2-Bromo-6-nitrophenol, CAS 13073-25-1



Structure
2-Bromo-6-nitrophenol, CAS 13073-25-1

ADDITIONAL INFORMATION

Related Product Information for Angiotensin I/II (TFA) biochemical	Angiotensin I/II (1-6) TFA contains the amino acids 1-6 and is converted from Angiotensin I/II peptide. The precursor angiotensinogen is cleaved by renin to form angiotensin I. Angiotensin I is hydrolyzed by angiotensin-converting enzyme (ACE) to form the biologically active angiotensin II. Angiotensin II has been investigated for the treatment, basic science, and test of Hypertension, Renin Angiotensin System, and Idiopathic Membranous Nephropathy[1][2][3].
References	1. D B Harper, et al. Studies on plant growth-regulating substances. 31. The metabolism of certain 2,6-disubstituted phenols within plant tissues. Ann Appl Biol. 1971 Apr;67(3):395-408.

NCBI AND UNIPROT INFORMATION

Molecular Weight	218.006
------------------	---------

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/biochemical/angiotensin-i-ii-tfa/227178>