

Product Data Sheet

Product Name: Saralasin TFA

Cat. No.: GC39821

Chemical Properties

Cas. No.

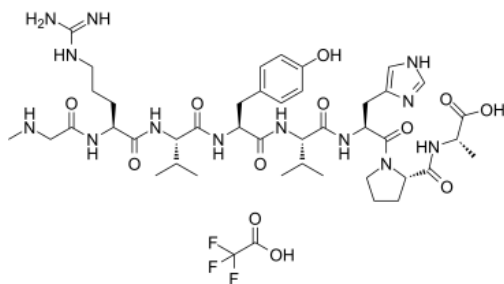
Formula $C_{44}H_{66}F_3N_{13}O_{12}$ M.Wt 1026.07

Solubility H_2O : 100 mg/mL (97.46 mM; Need ultrasonic); DMSO : 50 mg/mL (48.73 mM; Need ultrasonic) Storage Store at $-20^{\circ}C$

General tips For obtaining a higher solubility , please warm the tube at $37^{\circ}C$ and shake it in the ultrasonic bath for a while. Stock solution can be stored below $-20^{\circ}C$ for several months.

Shipping Condition Evaluation sample solution : ship with blue ice All other available size: ship with RT , or blue ice upon request.

Structure



Caution: Product has not been fully validated for medical applications. For research use only.

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Address: 10292 Central Ave. #205, Montclair, CA, USA

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Background

Saralasin ([Sar1,Ala8] Angiotensin II) TFA is a competitive angiotensin II antagonist. Saralasin TFA is used to identify renin-dependent (angiotensinogenic) hypertension[1].

[1]. Weber MA. Saralasin testing for renin-dependent hypertension. Arch Intern Med. 1979;139(1):93-95. [2]. Schelling P, Ganten D, Speck G, Fischer H. Effects of angiotensin II and angiotensin II antagonist saralasin on cell growth and renin in 3T3 and SV3T3 cells. J Cell Physiol. 1979;98(3):503-513. [3]. Campbell WB, Jackson EK, Graham RM. Saralasin-induced renin release: its blockade by prostaglandin synthesis inhibitors in the conscious rat. Hypertension. 1979;1(6):637-642.

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