

BQ-3020 TFA (143113-45-5 free base)

Chemical Properties

CAS No. :

Formula: C98H141F3N20O27S

Molecular Weight: 2120.35

Keep away from moisture

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year

Actual storage temperature shall be subject to the COA.

Biological Description

Description

BQ-3020 (TFA) is a selective ETB receptor agonist that inhibits [125I] et-1 binding to the ETB receptor in the cerebellum with a 0.2nm IC50, causing vasoconstriction.

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.4716 mL	2.3581 mL	4.7162 mL
5 mM	0.0943 mL	0.4716 mL	0.9432 mL
10 mM	0.0472 mL	0.2358 mL	0.4716 mL
50 mM	0.0094 mL	0.0472 mL	0.0943 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Reference

Ihara M, et al. A novel radioligand [125I]BQ-3020 selective for endothelin (ETB) receptors. Life Sci. 1992;51(6):PL47-52.

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