Sobetirome

thyroid hormone receptor TRβ1 agonist

Sobetirome, also known as GC-1, is a selective thyromimetic drug that mimics the action of thyroid hormones. It binds preferentially to the thyroid hormone receptor TRβ1 over TRα1, which helps to minimize the typical side effects associated with thyroid hormone therapies.

- GMP format available

Ordering Information

Order Online »

ENZ-CHM329-0005	5mg
ENZ-CHM329-0025	25mg

Manuals, SDS & CofA

View Online »

Handling & Storage

Use/Stability	As indicated on product label or CoA when stored as recommended.Powder: Stable at -20°C for 3 years or +4°C for 2 years; In solvent: Stable at -80°C for 2 years or -20°C for 1 year.
Handling	Before opening the vial, please centrifuge to gather the compound at the bottom of the vial.
Short Term Storage	+4°C
Long Term Storage	-20°C
Shipping	Ambient Temperature

Regulatory Status

RUO - Research Use Only

Product Details

Alternative Name	GC-1, QRX-43, 2-[4-[[4-hydroxy-3-(1-methylethyl)phenyl]methyl]-3,5-dimethylphenoxy]-acetic acid
Appearance	White to light yellow solid.
CAS	211110-63-3
Couple Target	Thyroid hormone receptor
Couple Type	Ligand
Formula	$C_{20}H_{24}O_4$
Identity	Identity determined by LCMS.
MW	328.4
MeltingPoint	122-124°C
Purity	≥99% (LCMS)
Solubility	Soluble in DMSO (100 mg/ml).

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