

Product Data Sheet

Product Name: AGL-2263

Cat. No.: GC31371

Chemical Properties

Cas. No. 638213-98-6

SMILES O=C(C1=CC(O)=C(O)C=C1)/C(C#N)=C/C2=CC=C(OC3=O)C(N3)=C2

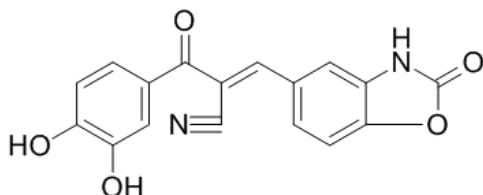
Formula $C_{17}H_{10}N_2O_5$ M.Wt 322.27

Solubility DMSO : 125 mg/mL (387.87 mM) Storage Store at -20°C

General tips For obtaining a higher solubility , please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°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



Protocol

Cell experiment: Trophoblast cells are prepared from normal or GDM placentas. They are incubated in the presence of stimulants, insulin (100 nM) or both insulin and AGL-2263 (AGL, 5 μ M) IR blocker, together for 24 hr[1].

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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References:

[1]. Li Y, et al. GDM-associated insulin deficiency hinders the dissociation of SERT from ERp44 and down-regulates placental 5-HT uptake. Proc Natl Acad Sci U S A. 2014 Dec 30;111(52):E5697-705.

Background

AGL-2263 is an insulin receptor (IR) blocker.

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