

Dazucorilant Biochemical

Dazucorilant

CATALOG #
AAA227760

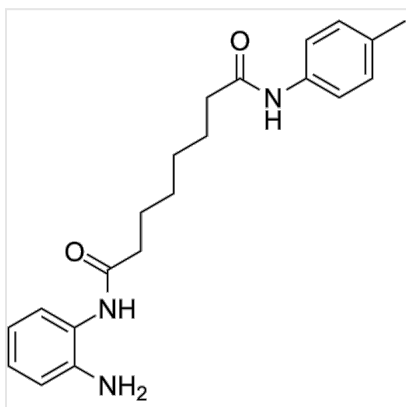
PRODUCT SYNONYMS

Dazucorilant; TC-H106analog; RGFA-8 analog; Dazucorilant biochemical

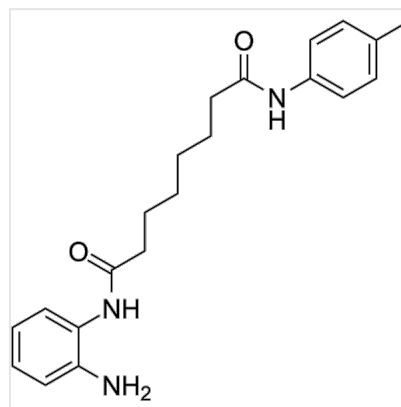
PRODUCT SPECIFICATIONS

Purity/Purification	98%
CAS	1496508-34-9
Solubility	<1mg/ml refers to the product slightly soluble or insoluble
In vitro	Dazucorilant (30 mg/kg/day; s.c.) makes mice show reversed abnormalities of motoneurons and down-regulated proinflammatory mediators and glial reactivity[1]. Dazucorilant (5, 10 or 20 mg/kg; i.p.) reverses hippocampal amyloid-beta peptide generation, neuroinflammation and apoptotic processes, restores the hippocampal levels of synaptic markers, reestablishes basal plasma levels of glucocorticoids and improves cognitive function at a dose of 10 mg/kg[2]. Animal Model: Wobbler mice (five-month-old)[1]. Dosage: 30 mg/kg/day. Administration: S.c. Result: Wobbler mice showed reversed abnormalities of motoneurons and down-regulated proinflammatory mediators and glial reactivity. Animal Model: Adult SD male rats[2]. Dosage: 5, 10 or 20 mg/kg. Administration: I.p. Result: Reversed hippocampal amyloid-beta peptide generation, neuroinflammation and apoptotic processes, restored the hippocampal levels of synaptic markers, reestablished basal plasma levels of glucocorticoids and improved cognitive function at a dose of 10 mg/kg.
Preparation and Storage	Powder: -20 degree C for 3 years In solvent: -80 degree C for 2 years

IMAGES



Structure
Pimelic Diphenylamide 106 (analog), CAS 2070015-24-4



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ADDITIONAL INFORMATION

Related Product Information for Dazucorilant biochemical

Dazucorilant (CORT113176) is a selective and high affinity non-steroidal glucocorticoid receptor (GR) modulator with a K_i value ≈ 1 nM in vitro. Dazucorilant can be used for the research of neurological disorders.

References

1. Chou CJ, et al. Pimelic diphenylamide 106 is a slow, tight-binding inhibitor of class I histone deacetylases. J Biol Chem. 2008 Dec 19;283(51):35402-35409.
2. Xu C, et al. Chemical probes identify a role for histone deacetylase 3 in Friedreich's ataxia gene silencing. Chem Biol. 2009 Sep 25;16(9):980-989.

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.

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Online datasheet: <https://www.aaabiotech.com/biochemical/dazucorilant/227760>