

DPC-AJ1951 (trifluoroacetate salt) Biochemical | DPC-AJ1951 biochemical

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CATALOG #
AAA227296

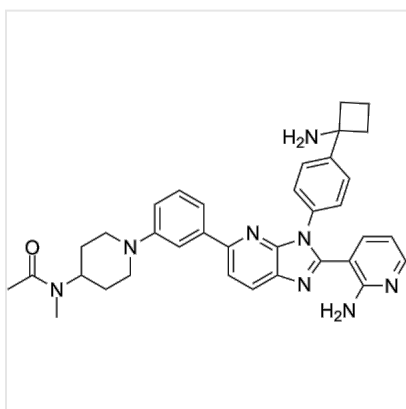
PRODUCT SYNONYMS

DPC-AJ1951 (trifluoroacetate salt); ARQ 751; DPC-AJ1951 biochemical

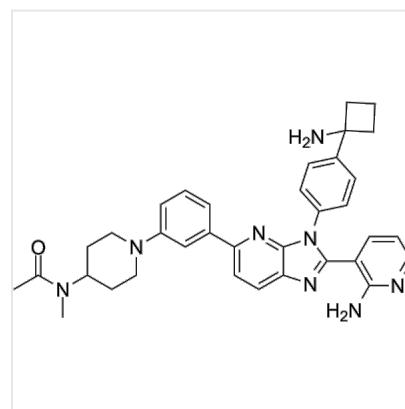
PRODUCT SPECIFICATIONS

Purity/Purification	98%
Solubility	H ₂ O: Slightly soluble DMSO: Slightly soluble <1mg/ml refers to the product slightly soluble or insoluble
In vitro	In vivo, DPC-AJ1951 normalizes serum calcium levels in thyroidparathyroidectomized rats.
Preparation and Storage	Powder: -20 degree C for 3 years In solvent: -80 degree C for 2 years

IMAGES



Structure
Vevorisertib, CAS 1416775-46-6



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ADDITIONAL INFORMATION

Related Product Information for DPC-AJ1951 biochemical	DPC-AJ1951 is a peptide agonist of the parathyroid hormone (PTH)/PTH-related peptide receptor (PPR; EC ₅₀ = 0.15 nM in HEK293 cells expressing human PPR). It induces cAMP production in SAOS-2 and UMR106 cells that endogenously express human and rat PPR, respectively (EC ₅₀ s = 2.2 and 1.1 nM, respectively). DPC-AJ1915 stimulates osteoclast-mediated bone resorption in fetal rat long-bone explant cultures and increases collagen synthesis and cell proliferation in neonatal mouse parietal bone explants.
References	1. Vevorisertib (ARQ 751)(4440-001) as a Single Agent or in Combination With Other Anti-Cancer Agents, in Solid Tumors With PIK3CA / AKT / PTEN Mutations. 2. ArQule Presents Recent Data on ARQ 751 at the 2019 AACR-NCI-EORTC International Conference on Molecular Targets and Cancer Therapeutics. 3. Abstract A034: The use of biomarkers and ctDNA in a phase 1 trial of ARQ 751 4. Abstract 374: In vitro and in vivo anti-tumor activity of ARQ 751, a potent and selective AKT inhibitor

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://stage.aaabiotech.com/biochemical/dpc-aj1951-trifluoroacetate-salt/227296>