

PR-104 sodium Biochemical | PR-104 biochemical

PR-104 sodium

CATALOG #
AAA228902

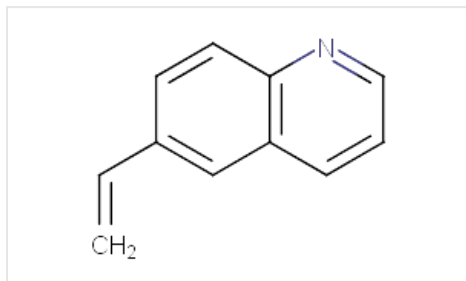
PRODUCT SYNONYMS

PR-104 sodium; PR-104 biochemical

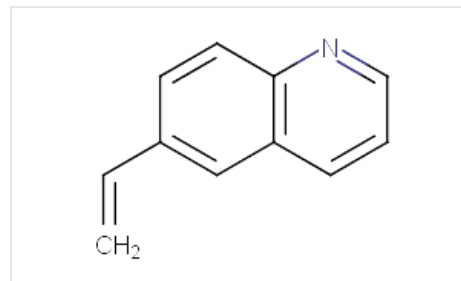
PRODUCT SPECIFICATIONS

Purity/Purification	98%
CAS	851627-80-0
Solubility	<1mg/ml refers to the product slightly soluble or insoluble
In vitro	PR-104 (sodium)(0.56 mmol/kg; i.v. or i.p.; 0~2 hours) makes the plasma area under the curve. PR-104 (sodium)(0.23 mmol/kg; i.p.; 100 days) shows antitumor activity[1]. Animal Model: CD-1nu/nu mice Dosage: 0.56 mmol/kg (Pharmacokinetics Analysis). Administration: I.v. or i.p. Result: The plasma area under the curve. Animal Model: CD1-Foxn1nu mice Dosage: 0.23 mmol/kg. Administration: I.p. Result: Showed antitumor activity.
Preparation and Storage	Powder: -20 degree C for 3 years In solvent: -80 degree C for 2 years

IMAGES



Structure
6-ethenylquinoline, CAS 651025-06-8



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ADDITIONAL INFORMATION

Related Product Information for PR-104 biochemical	PR-104 (sodium) is a selective hypoxia-activated DNA cross-linking agent and can be used for the research of multiple tumor xenograft models. PR-104 (sodium), as a nitrogen mustard pre-prodrug, is converted efficiently to the more lipophilic dinitrobenzamide mustards alcohol PR-104A.
Product Categories/Family for PR-104 biochemical	Others

NCBI AND UNIPROT INFORMATION

Molecular Weight	155.2
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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.

