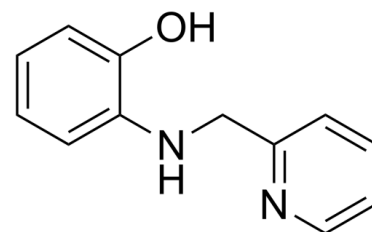


Data Sheet

Product Name:	ARN2966
Cat. No.:	CS-3335
CAS No.:	102212-26-0
Molecular Formula:	C ₁₂ H ₁₂ N ₂ O
Molecular Weight:	200.24
Target:	Amyloid-β
Pathway:	Neuronal Signaling
Solubility:	DMSO : 110 mg/mL (549.34 mM; Need ultrasonic)



BIOLOGICAL ACTIVITY:

ARN2966 is a potent, orally active and cross the blood-brain barrier **amyloid precursor protein (APP) translation** modulator. ARN2966 shows anti-Aβ aggregation and neuroprotective properties. ARN2966 has the potential for the research of alzheimer's disease^[1]. *In Vitro*: ARN2966 inhibits Aβ40 and Aβ42 production in APP751SW transfected CHO cells in a dose dependent manner, and decreases the level of APP and C83, and C99 peptides^[1].

References:

[1]. yodeji Asuni, et al. An APP translation modulator ARN2966 reduces BETA-AMYLOID deposition and prevents memory deficits in ALZHEIMER'S DISEASE transgenic mice. Alzheimer's & Dementia: The Journal of the Alzheimer's Association. 2012.

CAIndexNames:

Phenol, 2-[(2-pyridinyl)methyl]amino]-

SMILES:

OC1=CC=CC=C1NCC2=NC=CC=C2

Caution: Product has not been fully validated for medical applications. For research use only.

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