IQ-1

Disrupts Wnt signaling

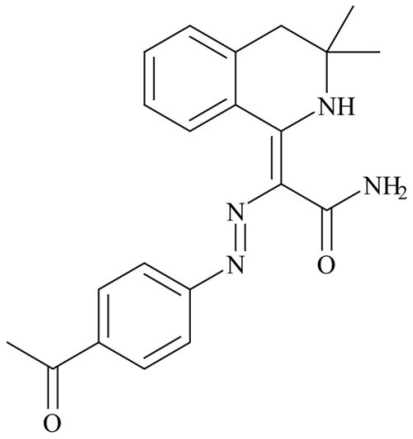
IQ-1 in conjunction with Wnt3a has been shown to be sufficient to maintain murine embryonic stem cell proliferation in the absence of serum. Binds to the PR72/PR130 subunit of protein phosphatase PP2A preventing β-catenin from switching co-activator usage from CBP to p300 leading to an increase in β-catenin/CBP-driven transcription at the expense of β-catenin/p300-driven transcription. Upregulates expression of Oct4 and Sox2 transcription factors.

Citations: 1 View Online »

Ordering Information Order Online »

BML-WN115-0005	5mg

Manuals, SDS & CofA View Online »

Handling & Storage

Use/Stability	As indicated on product label or CoA when stored as recommended. Stable for at least 6 months after receipt when stored at -20°C. Solutions can be stored at -20°C for up to 3 months.
Long Term Storage	-20°C
Shipping	Blue Ice

Regulatory Status

RUO - Research Use Only

Product Details

Alternative Name	2-(4-Acetylphenylazo)-2-(3,3-dimethyl-3,4-dihydro-2H-isoquinolin-1-ylidene)-acetamide
Appearance	Orange solid.
CAS	331001-62-8
Couple Target	Catenin
Formula	$C_{21}H_{22}N_4O_2$
MW	362.4
Purity	≥98% (TLC)
Solubility	Soluble in DMSO (25mg/ml) or in 100% ethanol (10mg/ml).

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