

Product Name: Anle138b

Catalog No.: 6861

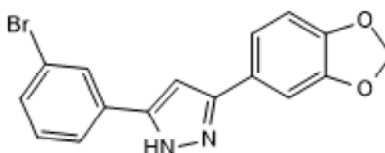
Batch No.: 1

CAS Number: 882697-00-9

IUPAC Name: 3-(1,3-Benzodioxol-5-yl)-5-(3-bromophenyl)-1*H*-pyrazole

1. PHYSICAL AND CHEMICAL PROPERTIES

Batch Molecular Formula: C₁₆H₁₁BrN₂O₂
Batch Molecular Weight: 343.18
Physical Appearance: White solid
Solubility: DMSO to 50 mM
Storage: Store at -20°C
Batch Molecular Structure:



2. ANALYTICAL DATA

HPLC: Shows 99.8% purity
¹H NMR: Consistent with structure
Mass Spectrum: Consistent with structure

Microanalysis:

	Carbon	Hydrogen	Nitrogen
Theoretical	56	3.23	8.16
Found	56	3.2	8.24

Caution - Not Fully Tested • Research Use Only • Not For Human or Veterinary Use

bio-techne.com
 info@bio-techne.com
 techsupport@bio-techne.com

North America
 Tel: (800) 343 7475

China
 info.cn@bio-techne.com
 Tel: +86 (21) 52380373

Europe Middle East Africa
 Tel: +44 (0)1235 529449

Rest of World
 www.tocris.com/distributors
 Tel:+1 612 379 2956

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CAS Number: 882697-00-9

IUPAC Name: 3-(1,3-Benzodioxol-5-yl)-5-(3-bromophenyl)-1*H*-pyrazole

Description:

Oligomeric aggregation inhibitor. Inhibits formation of pathological prion protein (PrP^{Sc}) and α -synuclein aggregates in vitro. Prevents accumulation of PrP^{Sc} in brain and spleen, and prolongs survival of prion-infected mice. Exhibits neuroprotective effects in a Parkinson's disease mouse model and improves motor performance in an α -synucleinopathy model. Orally bioavailable and brain penetrant.

Physical and Chemical Properties:

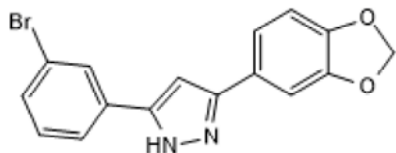
Batch Molecular Formula: C₁₆H₁₁BrN₂O₂

Batch Molecular Weight: 343.18

Physical Appearance: White solid

Minimum Purity: >98%

Batch Molecular Structure:



References:

Wagner *et al* (2013) Anle138b: a novel oligomer modulator for disease-modifying therapy of neurodegenerative diseases such as prion and Parkinson's disease. *Acta Neuropathol.* **125** 795. PMID: 23604588.

Storage: Store at -20°C

Solubility & Usage Info:

DMSO to 50 mM

Stability and Solubility Advice:

Some solutions can be difficult to obtain and can be encouraged by rapid stirring, sonication or gentle warming (in a 45-60°C water bath).

Information concerning product stability, particularly in solution, has rarely been reported and in most cases we can only offer a general guide. Our standard recommendations are:

SOLIDS: Provided storage is as stated on the product label and the vial is kept tightly sealed, the product can be stored for up to 6 months from date of receipt.

SOLUTIONS: We recommend that stock solutions, once prepared, are stored aliquoted in tightly sealed vials at -20°C or below and used within 1 month. Wherever possible solutions should be made up and used on the same day.

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