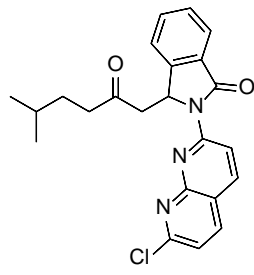


Product data sheet



MedKoo Cat#: 326953 Name: Pagoclone CAS: 133737-32-3 Chemical Formula: C ₂₃ H ₂₂ ClN ₃ O ₂ Exact Mass: 407.1401 Molecular Weight: 407.898	
Product supplied as:	Powder
Purity (by HPLC):	≥ 98%
Shipping conditions	Ambient temperature
Storage conditions:	Powder: -20°C 3 years; 4°C 2 years. In solvent: -80°C 3 months; -20°C 2 weeks.

1. Product description:

Pagoclone, also known as CI-1043; IP-456; RP-62955; RP-59037, is a GABA receptor agonist potentially for the treatment of stuttering, panic disorder and generalised anxiety. It binds with roughly equivalent high affinity (0.7–9.1 nM) to the benzodiazepine binding site of human GABAA receptors containing either an $\alpha 1$, $\alpha 2$, $\alpha 3$ or $\alpha 5$ subunit. It is a partial agonist at $\alpha 1$ -, $\alpha 2$ - and $\alpha 5$ -containing GABAA receptors and a full agonist at receptors containing an $\alpha 3$ subunit.

2. CoA, QC data, SDS, and handling instruction

SDS and handling instruction, CoA with copies of QC data (NMR, HPLC and MS analytical spectra) can be downloaded from the product web page under “QC And Documents” section. Note: copies of analytical spectra may not be available if the product is being supplied by MedKoo partners. Whether the product was made by MedKoo or provided by its partners, the quality is 100% guaranteed.

3. Solubility data

Solvent	Max Conc. mg/mL	Max Conc. mM
DMSO	10.0	24.52

4. Stock solution preparation table:

Concentration / Solvent Volume / Mass	1 mg	5 mg	10 mg
1 mM	2.45 mL	12.26 mL	24.52 mL
5 mM	0.49 mL	2.45 mL	4.90 mL
10 mM	0.25 mL	1.23 mL	2.45 mL
50 mM	0.05 mL	0.25 mL	0.49 mL

5. Molarity Calculator, Reconstitution Calculator, Dilution Calculator

Please refer the product web page under section of “Calculator”

6. Recommended literature which reported protocols for in vitro and in vivo study

In vitro study

TBD

In vivo study

TBD

7. Bioactivity

Biological target:

Pagoclone, also known as CI-1043; IP-456; RP-62955; RP-59037, is a GABA receptor agonist.

In vitro activity

TBD

In vivo activity

TBD

Product data sheet



Note: The information listed here was extracted from literature. MedKoo has not independently retested and confirmed the accuracy of these methods. Customer should use it just for a reference only.