

# Product data sheet



MedKoo Cat#: 319821 Name: Budiodarone HCl CAS: 478941-80-9 (HCl) Chemical Formula: C <sub>27</sub> H <sub>32</sub> ClI <sub>2</sub> NO <sub>5</sub> Exact Mass: 703.0292 Molecular Weight: 739.8139		
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:

Budiodarone, also known as ATI-2042, is an antiarrhythmic agent and chemical analog of amiodarone. Budiodarone has a half life of 7 h. It is electrophysiologically similar to amiodarone, but may not have metabolic and interaction side effects. ATI-2042 effectively reduced AFB over all doses studied by reducing mean episode duration. Budiodarone holds much promise as an antiarrhythmic drug to prevent fibrillation. As a drug that spans over many of antiarrhythmic drug classes, the electrophysiological activity of budiodarone includes.

## 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
TBD	TBD	TBD

## 4. Stock solution preparation table:

Concentration / Solvent Volume / Mass	1 mg	5 mg	10 mg
1 mM	1.35 mL	6.76 mL	13.52 mL
5 mM	0.27 mL	1.35 mL	2.70 mL
10 mM	0.14 mL	0.68 mL	1.35 mL
50 mM	0.03 mL	0.14 mL	0.27 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:

Budiodarone, also known as ATI-2042, is an antiarrhythmic agent and chemical analog of amiodarone.

In vitro activity

TBD

In vivo activity

TBD

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*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.*