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See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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BzATP

Prototypic P2X7 receptor agonist
Catalog No. SIH-420



Discovery through partnership | Excellence through quality

Overview

Product Name

BzATP

Description

Prototypic P2X7 receptor agonist

Purity

97.7%

CAS No.

112898-15-4

Molecular Formula

C11H11N10I1P1C1H1I1N1

Molecular Weight

1018.97

Properties

Storage Temperature

-20°C

Shipping Temperature

Shipped Ambient

Product Type

Agonist

Solubility

Soluble in water.

Source

Synthetic

Appearance

Off white solid

SMILES

```
[C@H]3(O[C@@H]([C@@H](OC(=O)C1=CC=C(C=C1)C(=O)C2=CC=CC=C2)[C@H]3O)CO[P](O[P](O[P](=O)(O)O)(=O)O)(=O)O)[N]4C5=C(N=C4)C(=NC=N5)N
```

InChI

InChI=1S/C24H24N5O15P3.C6H15N/c25-21-17-22(27-11-26-21)29(12-28-17)23-19(31)20(16(41-23)10-40-46(36,37)44-47(38,39)43-45(33,34)35)42-24(32)15-8-6-14(7-9-15)18(30)13-4-2-1-3-5-13;1-4-7(5-2)6-3/h1-9,11

InChIKey

HVOVBTNCGADRTH-WBLDMZOZSA-N

Safety Phrases

Classification: Not WHMIS controlled.

Safety Phrases:

S22 - Do not breathe dust.

S24/25 - Avoid contact with skin and eyes.

S36/37/39 - Wear suitable protective clothing, gloves and eye/face protection.

Cite This Product

BzATP (StressMarq Biosciences Inc., Victoria BC CANADA, Catalog # SIH-420)

Biological Description

Alternative Names

2'(3')-O-(4-Benzoylbenzoyl)adenosine-5'-triphosphate tri(triethylammonium) salt

Research Areas

Ion Channels, Neuroscience

PubChem ID

71308559

Scientific Background

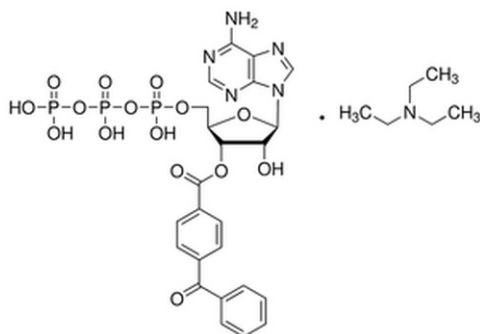
BzATP triethylammonium salt is a prototypic P2X7 receptor agonist that exhibits 5 - 10 fold greater potency than ATP. This small molecule also exhibits partial agonist activity at P2X1 and P2Y1 receptors. Lastly, it can be used as a photoaffinity label for ATPase.

References

1. Young M., Pelegrin P., & Surprenant A. (2007) Mol Pharmacol. 92-100.

Product Images

Chemical structure of BzATP (SIH-420), a Prototypic P2X7 receptor agonist. CAS #: 112898-15-4. Molecular Formula: C₂₄H₂₄N₅O₁₅P₃.C₁₈H₄₅N₃. Molecular Weight: 1018.97 g/mol.



Product Citations (0)

Currently there are no citations for this product.

Reviews

There are no reviews yet.