

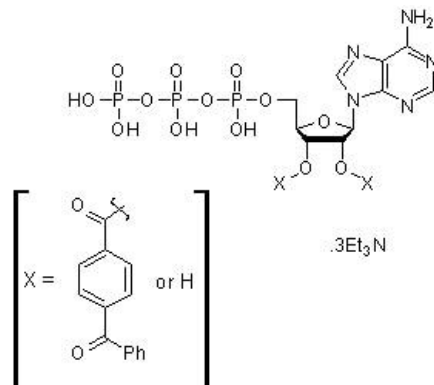
Product datasheet

BzATP triethylammonium salt, prototypic P2X7 agonist. P2 agonist. ab120444

4 References 1 Image

Overview

<b>Product name</b>	BzATP triethylammonium salt, prototypic P2X7 agonist. P2 agonist.
<b>Description</b>	Potent, prototypic P2X <sub>7</sub> agonist. P <sub>2</sub> agonist.
<b>Biological description</b>	Prototypic P2X <sub>7</sub> receptor agonist, showing 5-10 fold greater potency than ATP (pEC <sub>50</sub> = 6.5). Also exhibits activity at other P2 receptors (EC <sub>50</sub> values are 5 and 63 μM at P2X <sub>3</sub> and P2Y <sub>11</sub> , respectively). Shows high potency at P2X <sub>1</sub> receptor (pEC <sub>50</sub> = 8.7). Potent activator of cAMP production.
<b>Purity</b>	> 94%
<b>CAS Number</b>	112898-15-4
<b>Chemical structure</b>	



Properties

<b>Chemical name</b>	2'(3')-O-(4-Benzoylbenzoyl)adenosine-5'-triphosphate triethylammonium salt
<b>Molecular weight</b>	1018.97
<b>Molecular formula</b>	C <sub>24</sub> H <sub>24</sub> N <sub>5</sub> O <sub>15</sub> P <sub>3</sub> .3C <sub>6</sub> H <sub>15</sub> N
<b>PubChem identifier</b>	71308559
<b>Storage instructions</b>	Store at -20°C. Store under desiccating conditions. The product can be stored for up to 12 months.
<b>Solubility overview</b>	Soluble in water to 100 mM

## Handling

This product is supplied in one (or more) pack size which is freeze dried. Therefore the contents may not be readily visible, as they can coat the bottom or walls of the vial. Please see our [FAQs](#) and [information page](#) for more details on handling.

Wherever possible, you should prepare and use solutions on the same day. However, if you need to make up stock solutions in advance, we recommend that you store the solution as aliquots in tightly sealed vials at -20°C. Generally, these will be useable for up to one month. Before use, and prior to opening the vial we recommend that you allow your product to equilibrate to room temperature for at least 1 hour.

Need more advice on solubility, usage and handling? Please visit our [frequently asked questions \(FAQ\) page](#) for more details.

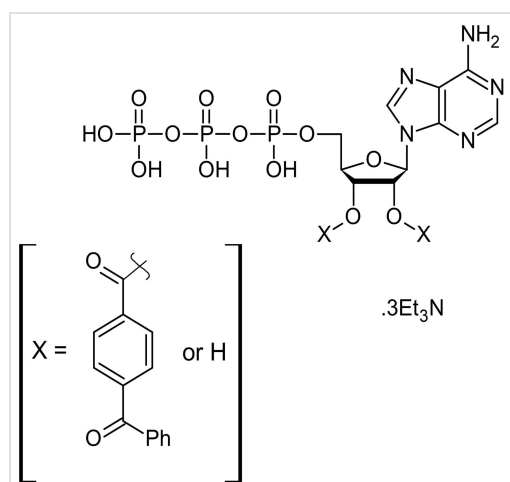
## SMILES

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## Source

Synthetic

## Images



2D chemical structure image of ab120444, BzATP triethylammonium salt, prototypic P2X7 agonist. P2 agonist.

Chemical Structure - BzATP triethylammonium salt, prototypic P2X<sub>7</sub> agonist. P<sub>2</sub> agonist. (ab120444)

**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES, NOT FOR USE IN HUMANS"

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- Extensive multi-media technical resources to help you
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