

# Tobramycin, free base ab120659

## 製品の概要

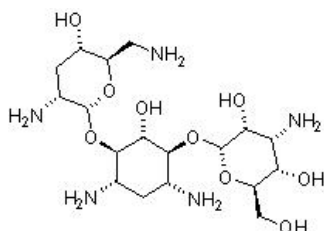
製品名	Tobramycin, free base
製品の詳細	Ribosomal translation inhibitor
生理活性の詳細	Inhibits ribosomal translation. Aminoglycoside antibiotic which binds 30S ribosomal subunit A, preventing functional protein production. Effective against gram-negative bacteria.
精製度	> 98%

## 製品の特性

体系名 O-[3-Amino-3-deoxy- $\alpha$ -D-glucopyranosyl-(1 $\rightarrow$ 6)]-O-[2,6-diamino-2,3,6-trideoxy- $\alpha$ -D-ribohexopyranosyl-(1 $\rightarrow$ 4)]-2-deoxy-D-streptomine

分子量 467.50

### 構造式



分子式  $C_{18}H_{37}N_5O_9$

CAS 番号 32986-56-4

PubChem 登録番号 36294

保存方法 Store at +4°C. Store under desiccating conditions. The product can be stored for up to 12 months.

溶解性 Soluble in water to 100 mM

使用に関する注意 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.

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- Replacement or refund for products not performing as stated on the datasheet
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- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

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- Abcam biochemicals are novel compounds and we have not tested their biological activity in house. Please use the literature to identify how to use these products effectively. If you require further assistance please contact the scientific support team