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**Product Data Sheet**

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Product Name: 9-Ethyladenine

Cat. No.: GC38883

**Chemical Properties**

Cas. No. 2715-68-6

SMILES NC1=C2C(N(C=N2)CC)=NC=N1Formula C<sub>7</sub>H<sub>9</sub>N<sub>5</sub>

M.Wt 163.18

Solubility H<sub>2</sub>O : 100 mg/mL (612.82 mM; Need ultrasonic); DMSO :  
62.5 mg/mL (383.01 mM; Need ultrasonic)Store  
Storage at -  
20°C

General tips For obtaining a higher solubility , please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution : ship with blue ice All other available size: ship with RT , or blue ice upon request.

Structure **Background**

9-Ethyladenine is a partially effective inhibitor of APRT (adenine phosphoribosyltransferase)[1].

[1]. Edamura K, et al. No self-injurious behavior was found in HPRT-deficient mice treated with 9-ethyladenine. *Pharmacol Biochem Behav.* 1998 Oct;61(2):175-9.

**Caution: Product has not been fully validated for medical applications. For research use only.**

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