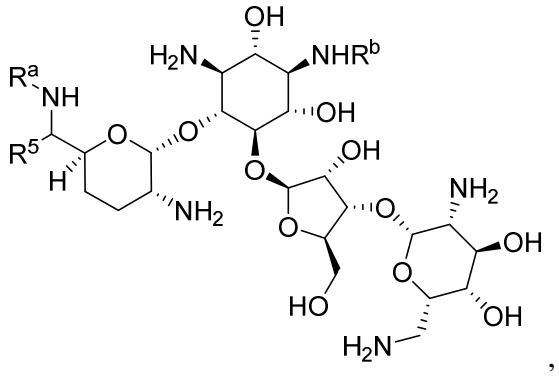
**CLAIMS**

*What is claimed is:*

1. A compound having a structure:



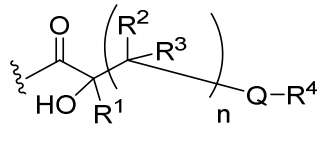
,

or a pharmaceutically acceptable salt or solvate thereof,

wherein:

$R^a$ is H or methyl;

$R^b$ has a structure according to Formula (II):



(II),

wherein:

Q is NH, O, or S;

n is an integer from 0 to 4;

$R^1$ is hydrogen or $C_{1\text{-}3}$ alkyl;

$R^2$ and $R^3$ are each selected independently for each occurrence from the group consisting of hydrogen, alkyl, halogen, and –OH;

$R^4$ is H, $C_{1\text{-}3}$ alkyl, or $-C(=NH)NR^{4a}R^{4b}$, wherein $R^{4a}$ and $R^{4b}$ are each independently selected from the group consisting of hydrogen and $C_{1\text{-}3}$ alkyl; or

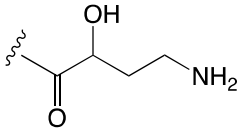
$R^1$ and $R^4$, together with the atoms to which they are attached, form a heterocycloalkyl ring system comprising at least one N; and

$R^5$ is H or methyl.

2. The compound of claim 1, wherein $R^a$ is H.

3. The compound of claim 1, wherein $R^a$ is methyl.

4. The compound of any one of claims 1-3, wherein $R^b$ is selected from the group consisting of: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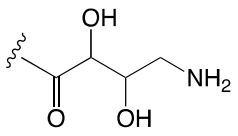
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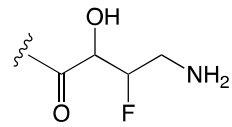
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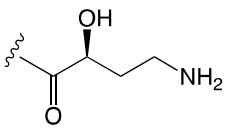
5. The compound of claim 4, wherein $R^b$ is selected from the group consisting of: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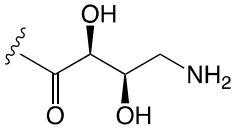
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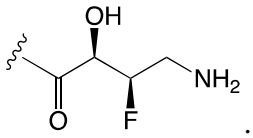
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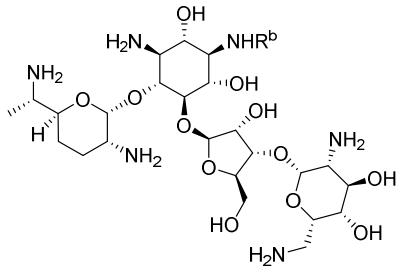
6. The compound of any one of claims 1-5, wherein $R^5$ is methyl.

7. The compound of claim 6, having a structure selected from the group consisting of: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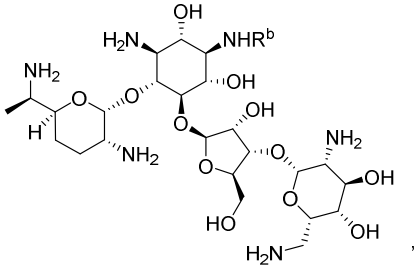
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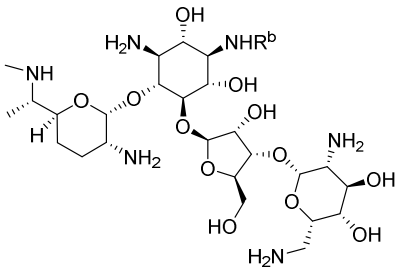
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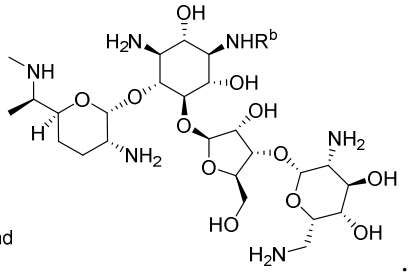
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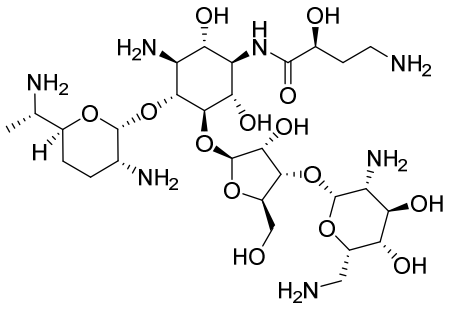
8. The compound of claim 6, having a structure selected from the group consisting of: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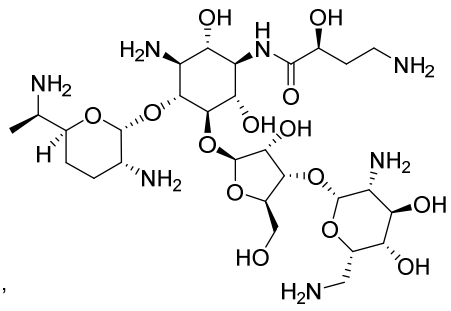
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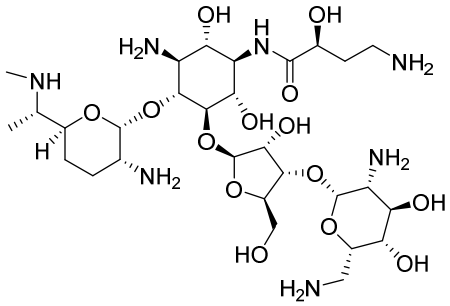
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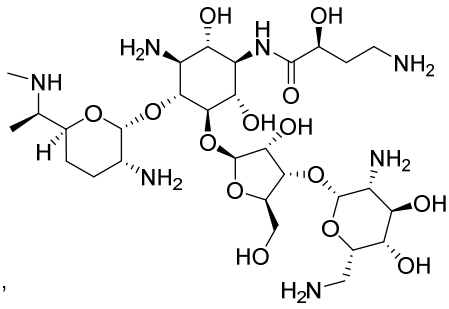
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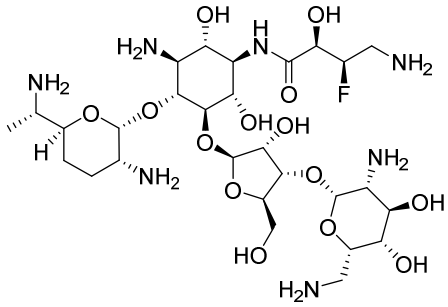
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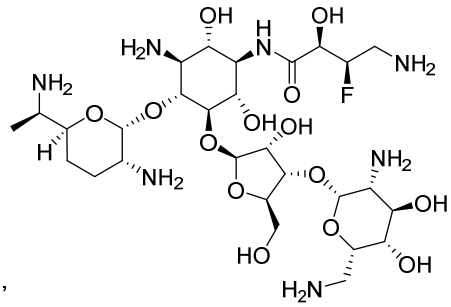
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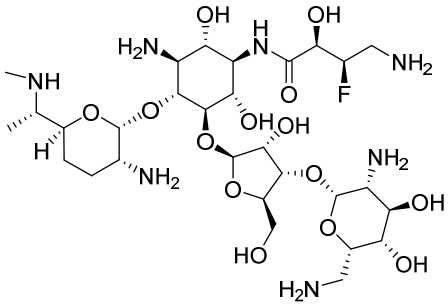
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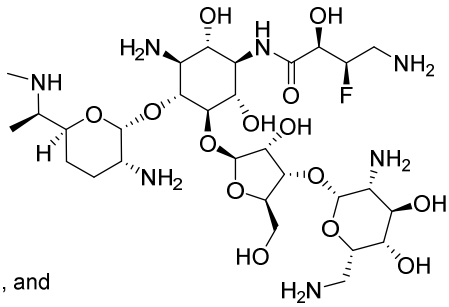
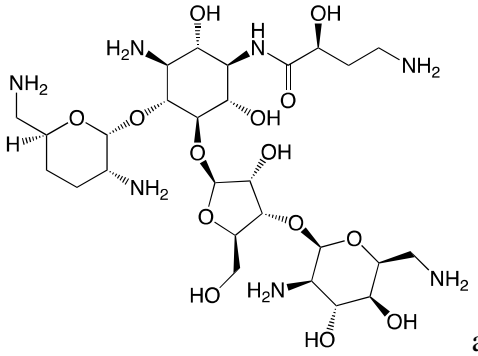
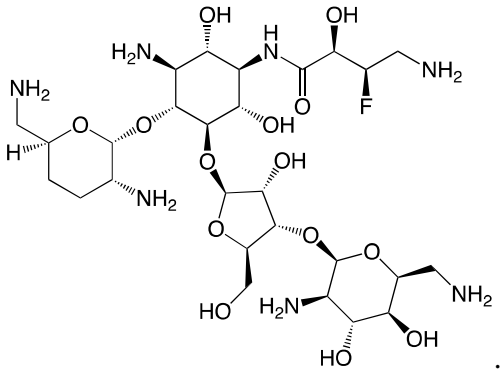

, and

9. The compound of any one of claims 1-5, wherein $R^5$ is H.

10. The compound of claim 8, having a structure selected from the group consisting of:




and

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11. A pharmaceutical composition comprising the compound of any one of claims 1-10, or a pharmaceutically acceptable salt, solvate, tautomer, or stereoisomer thereof, and at least one pharmaceutically acceptable excipient.

12. The compound of any one of claims 1-10, or a pharmaceutically acceptable salt, solvate, tautomer, or stereoisomer thereof, or the pharmaceutical composition of claim11, for use in treating a bacterial infection in a subject in need thereof.

13. The compound or pharmaceutical composition of claim 12, wherein the bacterial infection is with Gram-positive, Gram-negative, aerobic, or facultative anaerobic bacteria.

14. The compound or pharmaceutical composition for use according to claim 13, wherein one or more of the following apply:

the bacterial infection is with an *Escherichia* spp., a *Klebsiella* spp., a *Proteus* spp., a *Citrobacter* spp., a *Morganella* spp., a *Providencia* spp., a *Yersinia* spp., an *Enterobacter* spp., a *Salmonella* spp., or a *Serratia* spp.;

the bacterial infection is with a *Moraxella* spp., a *Pseudomonas* spp., an *Acinetobacter* spp., a *Mycobacterium* spp., a *Staphylococcus* spp., a *Bacillus* spp., a *Francisella* spp., or a *Burkholderia* spp.