**Protein Profile**

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| **Protein name** | NDM-1 D199N with Compound 16 |
| **Protein PDB id** | **6ny7** |
| **Classification** | **HYDROLASE** |
| **Host Organism** | ***Klebsiella pueumoniae*** |
| **Expression System** | ***Escherichia coli* BL21** |
| **3d image** |  |
| **Native Ligand**  **(CID** 139033900) | **[(5,7-dibromo-2-oxo-1,2-dihydroquinolin-4-yl)methyl] phosphonic acid (L8J)** |
| **Ligand Interaction (pdb standard)** |  |
| **Residues interacted with native ligand (active site)** | MET A:67, VAL A:73, HIS A:189, LYS A:211, ASN A:220 |
| **Residues interacted by native ligand**  **(docking model)** | MET A:67, VAL A:73, HIS A:189, LYS A:211, ASN A:220 |