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**Product Data Sheet**


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Product Name: BeKm 1  
 Cat. No.: GC50661

**Chemical Properties**

Cas. No. 524962-01-4

SMILES [H]N[C@@H](CCCNC(N)=N)C(=O)N1CCC[C@H]1C(=O)N[C@@H]([C@@H](C)O)C(=O)N[C@@H](CC(O)=O)C(=O)N[C@@H]([C@@H](C)CC)C(=O)N[C@@H](CCCCN)C(=O)N[C@H]1C(SSC[C@@H]2NC(=O)[C@H](CCCNC(N)=N)NC(=O)CNC(=O)[C@H](CC(N)=O)NC(=O)[C@@H](NC(=O)[C@H](CCCCN)NC(=O)CNC(=O)[C@H](CC3=CC=CC=C3)NC(=O)[C@H](CCCNC(N)=N)NC(=O)[C@H](CO)NC(=O)[C@H](CCCCN)NC(=O)[C@@H]3C(SSC[C@H](NC(=O)[C@H](CC(O)=O)NC(=O)[C@H](CSSC[C@H](NC(=O)[C@H](CCC(N)=O)NC(=O)[C@H](CC4=CC=C(O)C=C4)NC(=O)[C@H](CO)NC(=O)[C@H](CCC(O)=O)NC(=O)[C@H](CO)NC1=O)C(=O)N[C@@H](CC1=CC=CC=C1)C(=O)N1CCC[C@H]1C(=O)N[C@@H](C(C)C)C(=O)N3)NC(=O)[C@H](CC1=CC=CC=C1)NC(=O)CNC(=O)[C@H](CC(N)=O)NC(=O)[C@@H](NC2=O)C(C)C(=O)N[C@@H](CC1=CC=CC=C1)C(O)=O)[C@@H](C)O

Formula C<sub>174</sub>H<sub>261</sub>N<sub>51</sub>O<sub>52</sub>S<sub>6</sub> M.Wt 4091.65

Solubility Storage Store 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**

Potent and selective KV11.1 (hERG) channel blocker. Selective for KV11.1 over a panel of 14 other potassium channels. Dose-dependently prolongs QTc interval in isolated rabbit heart.

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

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