

**Table S4. High-resolution MS data angl#1, angl#2, iglu#1, and iglu#2**

<b>Compound</b>	<b>Ion</b>	<b>Ion formula</b>	<b>Calculated m/z</b>	<b>Observed m/z</b>
angl#1	[M-H] <sup>-</sup>	C <sub>13</sub> H <sub>16</sub> NO <sub>7</sub> <sup>-</sup>	298.0932	298.0910
angl#2	[M-H] <sup>-</sup>	C <sub>13</sub> H <sub>17</sub> NO <sub>10</sub> P <sup>-</sup>	378.0596	378.0600
iglu#1	[M-H] <sup>-</sup>	C <sub>14</sub> H <sub>16</sub> NO <sub>5</sub> <sup>-</sup>	278.1034	278.1071
iglu#2	[M-H] <sup>-</sup>	C <sub>14</sub> H <sub>17</sub> NO <sub>8</sub> P <sup>-</sup>	358.0697	358.0701

High-resolution MS data for previously unreported *C. elegans* metabolites angl#1, angl#2, iglu#1, and iglu#2, acquired using negative-ion electrospray ionization (ESI<sup>-</sup>).