

Table 12-1: Example Illustrating the Need for Flexible Dosing Formulations: Range of Doses for a Common Antibiotic Prescribed during Childhood and Adolescence

<b>Age</b>	<b>Weight</b>	<b>Dose Calculation</b>	<b>Dose Administered</b>
2 months	5 kg or 11 lb	50 mg/kg/day	85 mg tid
3 years	15 kg or 33 lb	50 mg/kg/day	250 mg tid
9 years	30 kg or 66 lb	50 mg/kg/day	500 mg tid
14 years	50 kg or 110 lb	(equiv to 15-30 mg/kg/day)	250-500 mg tid
Adult	70 kg or 154 lb	(equiv to 10-20 mg/kg/day)	250-500 mg tid