



TABLE 2. Basic Amides of Carbalkoxy-oxanilic Acids (III)

Position of ACOR	A	R	R'	Yield (in %)	Mp (in °), recrystallization solvent ethanol	Found (in %)			Empirical formula	Calculated (in %)			Mp (in °)	
						C	H	N		C	H	N	Methiodide	Hydrochloride
2	Nothing	CH <sub>3</sub>	C <sub>2</sub> H <sub>5</sub>	63.8	102-3	59.73	7.25	13.31	C <sub>18</sub> H <sub>23</sub> N <sub>3</sub> O <sub>4</sub>	59.85	7.17	13.09	183-5	186 (decomp.)
3	»	C <sub>2</sub> H <sub>5</sub>	C <sub>2</sub> H <sub>5</sub>	77.6	101-2	60.85	7.73	12.65	C <sub>17</sub> H <sub>23</sub> N <sub>3</sub> O <sub>4</sub>	60.95	7.46	12.54	181-2	183-4
4	»	CH <sub>3</sub>	CH <sub>3</sub>	83.9	131-2	59.71	7.31	13.21	C <sub>18</sub> H <sub>23</sub> N <sub>3</sub> O <sub>4</sub>	59.85	7.17	13.09	185-6	183-4
4	»	C <sub>2</sub> H <sub>5</sub>	CH <sub>3</sub>	71.6	143-4	58.51	7.01	13.83	C <sub>18</sub> H <sub>23</sub> N <sub>3</sub> O <sub>4</sub>	58.65	6.85	13.67	234-5*	195-6
4	»	n-C <sub>4</sub> H <sub>9</sub>	CH <sub>3</sub>	92.5	104-5	61.67	7.91	12.15	C <sub>18</sub> H <sub>23</sub> N <sub>3</sub> O <sub>4</sub>	61.89	7.74	12.03	140-1	133-4
4	»	iso-C <sub>4</sub> H <sub>9</sub>	CH <sub>3</sub>	66.6	109-10	61.73	7.83	12.21	C <sub>18</sub> H <sub>23</sub> N <sub>3</sub> O <sub>4</sub>	61.89	7.74	12.03	201-3†	149
4	»	n-C <sub>4</sub> H <sub>9</sub>	C <sub>2</sub> H <sub>5</sub>	79.8	103-4	62.73	8.04	11.68	C <sub>18</sub> H <sub>23</sub> N <sub>3</sub> O <sub>4</sub>	62.90	7.99	11.57	127-9	126-7
4	»	iso-C <sub>4</sub> H <sub>9</sub>	C <sub>2</sub> H <sub>5</sub>	85.3	118-9	62.78	7.93	11.77	C <sub>18</sub> H <sub>23</sub> N <sub>3</sub> O <sub>4</sub>	62.90	7.79	11.57	201-3†	201-4
4	CH <sub>3</sub>	C <sub>2</sub> H <sub>5</sub>	C <sub>2</sub> H <sub>5</sub>	83.5	117-8	61.74	7.87	12.23	C <sub>18</sub> H <sub>23</sub> N <sub>3</sub> O <sub>4</sub>	61.89	7.74	12.03	137-8	148-9
4	OCH <sub>3</sub>	C <sub>2</sub> H <sub>5</sub>	C <sub>2</sub> H <sub>5</sub>	89.0	93-3.5	59.07	7.61	11.60	C <sub>18</sub> H <sub>23</sub> N <sub>3</sub> O <sub>4</sub>	59.25	7.40	11.51	153-4	115 (decomp.)

\* Iodoethylate, m.p. 195-196°.

† Benzenesulfomethylate.

## EXPERIMENTAL

IR spectra were taken on an UR-10B spectrophotometer in CHCl<sub>3</sub>; concn. = 0.0014-0.0016 M; length = 0.8762 cm.

4-(Ethoxy-oxalylamino)phenoxyacetic Acid Ethyl Ester (II, R = C<sub>2</sub>H<sub>5</sub>, A = OCH<sub>3</sub>). To a solution of 11.9 g p-aminophenoxyacetic acid ethyl ester (I, R = C<sub>2</sub>H<sub>5</sub>, A = OCH<sub>3</sub>) in 20 ml dry pyridine, 10.7 g monoethyl oxalyl chloride was added, the mixture kept 1 h at room temperature, then poured into 50 ml water and acidified with hydrochloric acid. The precipitate was filtered off and crystallized. Yield 13.55 g.

N,N-Diethylaminoethylamide of 4-Carbethoxymethoxy-oxanilic Acid. The product (5.9 g) obtained in the previous experiment and 2.34 g N,N-diethylethylenediamine in 20 ml ethanol was heated for 30 min, the greater part of the alcohol was distilled off, and the precipitate which separated filtered off and crystallized. Yield 6.5 g.

On storing an acetone solution of the amide with methyl iodide for 12 h the methiodide was obtained. The hydrochloride was isolated by mixing an alcoholic solution of the substance with hydrogen chloride.

## LITERATURE CITED

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